CSS - Cascading Style Sheet

Propriété CSS + Valeur CSS = Déclaration CSS

```
sélecteur {
  propriété: valeur;
}
```

```
p {
    color: #333;
}
```

Propriété CSS	Description	Valeur CSS	Exemple de Déclaration CSS
Affichage & position			
clear	Annule les float.	left | right | both | inline-start | inline-end | none	clear: both;
display	Type d'affichage.	block | inline | flow-root | contents | table | flex | grid | none …	display: grid;
float	Flottement.	left | right | none | inline-start | inline-end	float: inline-end;
order	Ordre visuel (Flex/Grid).	<integer>	order: 2;
position	Mode de positionnement.	static | relative | absolute | fixed | sticky	position: sticky; top: 0;
top/right/bottom/left	Décalages.	<length-percentage> | auto	top: 0; left: 0;
visibility	Visibilité.	visible | hidden | collapse	visibility: hidden;
z-index	Ordre d'empilement.	auto | <integer>	z-index: 10;
Alignement			
place-content	Raccourci align-content + justify-content.	align-content justify-content	place-content: center space-between;
place-items	Raccourci align-items + justify-items.	align-items justify-items	place-items: center start;
place-self	Raccourci align-self + justify-self.	align-self justify-self	place-self: start end;
Box model			
aspect-ratio	Rapport largeur/hauteur.	<ratio> | auto	aspect-ratio: 16 / 9;
border	Raccourci bordure.	border-width style color	border: 1px solid #ddd;
border-color	Couleur de bordure.	<color>	border-color: rgba(0,0,0,.2);
border-radius	Rayon des coins.	<length-percentage> [/ <length-percentage>]	border-radius: 8px;
border-style	Style de bordure.	none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset	border-style: dashed;
border-width	Épaisseur de bordure.	thin | medium | thick | <length>	border-width: 2px;
box-shadow	Ombre portée.	offset-x offset-y blur spread color | inset	box-shadow: 0 6px 16px rgba(0,0,0,.15);
box-sizing	Méthode de calcul des dimensions.	content-box | border-box	box-sizing: border-box;
height	Hauteur préférée.	auto | <length> | <percentage>	height: 50vh;
isolation	Nouveau contexte d'empilement.	auto | isolate	isolation: isolate;
margin	Raccourci marges externes.	margin-top/right/bottom/left	margin: 16px auto;
margin-bottom	Marge externe basse.	<length> | <percentage> | auto	margin-bottom: 1.5rem;
margin-left	Marge externe gauche.	<length> | <percentage> | auto	margin-left: auto;
margin-right	Marge externe droite.	<length> | <percentage> | auto	margin-right: 2rem;
margin-top	Marge externe haute.	<length> | <percentage> | auto	margin-top: 1rem;
max-height	Hauteur maximale.	none | <length> | <percentage> | min-content | max-content | fit-content()	max-height: 75vh;
max-width	Largeur maximale.	none | <length> | <percentage> | min-content | max-content | fit-content()	max-width: 1200px;
min-height	Hauteur minimale.	auto | <length> | <percentage> | min-content | max-content | fit-content()	min-height: 200px;
min-width	Largeur minimale.	auto | <length> | <percentage> | min-content | max-content | fit-content()	min-width: 200px;
overflow	Gestion du débordement.	visible | hidden | clip | scroll | auto	overflow: auto;
overflow-x	Débordement horizontal.	visible | hidden | clip | scroll | auto	overflow-x: hidden;
overflow-y	Débordement vertical.	visible | hidden | clip | scroll | auto	overflow-y: auto;
padding	Raccourci marges internes.	padding-top/right/bottom/left	padding: 12px 24px;
padding-bottom	Marge interne basse.	<length> | <percentage>	padding-bottom: 2ch;
padding-left	Marge interne gauche.	<length> | <percentage>	padding-left: 24px;
padding-right	Marge interne droite.	<length> | <percentage>	padding-right: 1rem;
padding-top	Marge interne haute.	<length> | <percentage>	padding-top: 8px;
width	Largeur préférée.	auto | <length> | <percentage>	width: 100%;

Colonnes			
column-count	Nombre de colonnes.	auto | <integer>	column-count: 3;
column-fill	Remplissage.	auto | balance	column-fill: balance;
column-gap	Espace entre colonnes.	normal | <length>	column-gap: 2rem;
column-rule	Règle entre colonnes (raccourci).	width style color	column-rule: 1px solid #e5e7eb;
column-rule-color	Couleur règle.	<color>	column-rule-color: #d1d5db;
column-rule-style	Style règle.	none | solid | dotted | dashed | double | groove | ridge | inset | outset	column-rule-style: solid;
column-rule-width	Épaisseur règle.	thin | medium | thick | <length>	column-rule-width: 2px;
column-span	Élément sur plusieurs colonnes.	none | all	column-span: all;
column-width	Largeur souhaitée.	auto | <length>	column-width: 320px;
columns	Raccourci colonnes.	column-width column-count	columns: 300px 2;

Container queries			
container	Raccourci conteneur.	<name> / <type>	container: card / inline-size;
container-name	Nom du conteneur.	<custom-ident>	container-name: card;
container-type	Active les requêtes conteneur.	normal | size | inline-size	container-type: inline-size;

Contenu & pseudo			
content	Génère du contenu (pseudo-éléments).	normal | none | <string> | url() | attr() | counter()	content: '';
counter-increment	Incrémente des compteurs.	<name> <number>? | none	counter-increment: section;
counter-reset	Réinitialise des compteurs.	<name> <number>? | none	counter-reset: section 0;
counter-set	Fixe la valeur du compteur.	<name> <number>?	counter-set: section 10;
mask	Raccourci masque.	image mode repeat position/size origin clip composite	mask: url(mask.svg) no-repeat center/contain;
mask-clip	Zone du masque.	border-box | padding-box | content-box | no-clip	mask-clip: border-box;
mask-composite	Composition du masque.	add | subtract | intersect | exclude	mask-composite: add;
mask-image	Image du masque.	none | url() | gradient	mask-image: linear-gradient(#000, transparent);
mask-mode	Mode du masque.	match-source | luminance | alpha	mask-mode: luminance;
mask-origin	Origine du masque.	border-box | padding-box | content-box	mask-origin: content-box;
mask-position	Position du masque.	<position>	mask-position: center;
mask-repeat	Répétition du masque.	repeat | space | round | no-repeat	mask-repeat: no-repeat;
mask-size	Taille du masque.	auto | cover | contain | <length-percentage>	mask-size: cover;
quotes	Guillemets automatiques.	auto | none | <string> <string> …	quotes: '«' '»' '‹' '›';

Couleur & fond			
background	Raccourci fond.	color image position/size repeat origin clip attachment	background: #fff url(bg.png) center/cover no-repeat;
background-attachment	Défilement fixe ou non.	scroll | fixed | local	background-attachment: fixed;
background-clip	Zone peinte.	border-box | padding-box | content-box | text	background-clip: padding-box;
background-color	Couleur de fond.	<color>	background-color: #fafafa;
background-image	Image(s) de fond.	none | url() | gradient | image-set()	background-image: linear-gradient(135deg, #4f46e5, #06b6d4);
background-origin	Zone de référence.	padding-box | border-box | content-box	background-origin: padding-box;
background-position	Position du fond.	<position>	background-position: center;
background-repeat	Répétition.	repeat | repeat-x | repeat-y | no-repeat | space | round	background-repeat: no-repeat;
background-size	Taille du fond.	auto | cover | contain | <length-percentage>	background-size: cover;
color	Couleur de texte.	<color>	color: #1f2937;
opacity	Opacité de l'élément.	<number 0–1>	opacity: .9;

Divers			
clip-path	Découpe de la zone de rendu.	none | inset() | circle() | ellipse() | polygon() | path()	clip-path: inset(0 round 8px);
contain	Isolation (perfs/layout).	none | strict | content | size | layout | style | paint | inline-size | block-size	contain: content;
content-visibility	Omet le rendu hors-vue (perfs).	visible | hidden | auto	content-visibility: auto;
image-rendering	Stratégie de rendu des images.	auto | crisp-edges | pixelated	image-rendering: pixelated;

Défilement			
overscroll-behavior	Comportement aux limites.	auto | contain | none	overscroll-behavior: contain;

scroll-behavior	Défilement lissé.	auto | smooth	scroll-behavior: smooth;
scroll-margin	Marge snap (raccourci).	top/right/bottom/left	scroll-margin: 1rem;
scroll-margin-top	Détail marge snap.	<length>	scroll-margin-top: 100px;
scroll-padding	Padding snap (raccourci).	top/right/bottom/left	scroll-padding: 10px;
scroll-padding-top	Détail padding snap.	<length-percentage>	scroll-padding-top: 2rem;
scroll-snap-align	Alignement du snap.	none | start | end | center	scroll-snap-align: center;
scroll-snap-stop	Force l'arrêt.	normal | always	scroll-snap-stop: always;
scroll-snap-type	Active le snap.	none | x | y | block | inline | both [mandatory]?	scroll-snap-type: x mandatory;

Effets			
backdrop-filter	Filtres sur arrière-plan.	mêmes fonctions que filter	backdrop-filter: blur(10px);
backface-visibility	Visibilité face arrière.	visible | hidden	backface-visibility: hidden;
filter	Filtres bitmap.	blur() brightness() contrast() drop-shadow() grayscale() hue-rotate() invert() saturate() s	filter: blur(4px) contrast(1.2);
mix-blend-mode	Mode de fusion.	normal | multiply | screen | overlay | darken | lighten | color-dodge | color-burn | differenc	mix-blend-mode: multiply;
will-change	Indices d'optimisation.	auto | <property-list>	will-change: transform, opacity;

Flexbox			
align-content	Alignement des lignes.	normal | stretch | center | start | end | space-between | space-around | space-evenly …	align-content: center;
align-items	Alignement transverse.	stretch | flex-start | flex-end | center | baseline …	align-items: center;
align-self	Alignement d'un item.	auto | stretch | flex-start | flex-end | center | baseline …	align-self: flex-start;
column-gap	Espace colonnes.	<length>	column-gap: 1.5rem;
flex	Raccourci flex.	flex-grow flex-shrink flex-basis	flex: 1 1 auto;
flex-basis	Base de dimensionnement.	auto | content | <length-percentage>	flex-basis: 240px;
flex-direction	Axe principal.	row | row-reverse | column | column-reverse	flex-direction: column;
flex-flow	Raccourci direction+wrap.	flex-direction flex-wrap	flex-flow: row wrap;
flex-grow	Expansion.	<number>	flex-grow: 1;
flex-shrink	Rétrécissement.	<number>	flex-shrink: 0;
flex-wrap	Retour à la ligne.	nowrap | wrap | wrap-reverse	flex-wrap: wrap;
gap	Espace entre items.	<length>	gap: 16px;
justify-content	Alignement axe principal.	flex-start | flex-end | center | space-between | space-around | space-evenly | start | end |	justify-content: space-between;
row-gap	Espace lignes.	<length>	row-gap: .75rem;

Grid			
align-content	Alignement global vertical.	start | end | center | stretch | space-around | space-between | space-evenly	align-content: space-between;
align-items	Alignement vertical cellules.	start | end | center | stretch | legacy	align-items: start;
align-self	Alignement local vertical.	auto | start | end | center | stretch	align-self: stretch;
grid	Raccourci grille.	template rows/columns/areas, auto-rows/columns, gap	grid: auto / auto;
grid-area	Raccourci zone.	row-start / column-start / row-end / column-end | <name>	grid-area: header;
grid-auto-columns	Taille des colonnes automatiques.	<track-size>	grid-auto-columns: minmax(200px, 1fr);
grid-auto-flow	Placement auto des items.	row | column | dense | row dense | column dense	grid-auto-flow: row dense;
grid-auto-rows	Taille des lignes automatiques.	<track-size>	grid-auto-rows: minmax(100px, auto);
grid-column	Raccourci colonne.	grid-column-start / grid-column-end	grid-column: 2 / 4;
grid-column-end	Fin de colonne.	<number | name | auto | span N>	grid-column-end: -1;
grid-column-start	Début de colonne.	<number | name | auto | span N>	grid-column-start: 1;
grid-row	Raccourci ligne.	grid-row-start / grid-row-end	grid-row: 1 / span 2;
grid-row-end	Fin de ligne.	<number | name | auto | span N>	grid-row-end: span 3;
grid-row-start	Début de ligne.	<number | name | auto | span N>	grid-row-start: 2;
grid-template-areas	Zones nommées.	none | <string>	grid-template-areas: "header" "main" "footer";
grid-template-columns	Colonnes de la grille.	none | <track-list>	grid-template-columns: 1fr 2fr;
grid-template-rows	Lignes de la grille.	none | <track-list>	grid-template-rows: auto 1fr auto;
justify-content	Alignement global horizontal.	start | end | center | stretch | space-around | space-between | space-evenly	justify-content: space-evenly;
justify-items	Alignement horizontal cellules.	start | end | center | stretch | legacy	justify-items: center;
justify-self	Alignement local horizontal.	auto | start | end | center | stretch	justify-self: end;

Interactions			
accent-color	Couleur d’accent des widgets.	<color>	accent-color: #2563eb;
caret-color	Couleur du curseur texte.	<color> | auto	caret-color: #111827;
cursor	Forme du pointeur.	auto | pointer | move | text | wait | not-allowed | grab | zoom-in | zoom-out …	cursor: pointer;
pointer-events	Événements pointeur.	auto | none | (valeurs SVG)	pointer-events: none;
resize	Redimensionnement utilisateur.	none | both | horizontal | vertical | block | inline	resize: vertical;
touch-action	Gestes tactiles permis.	auto | none | manipulation | pan-x | pan-y | pan-left/right/up/down | pinch-zoom	touch-action: manipulation;
user-select	Sélection de texte.	auto | none | text | contain | all	user-select: none;

Listes			
list-style	Raccourci listes.	type position image	list-style: square outside;
list-style-image	Image de puce.	none | url()	list-style-image: url(dot.svg);
list-style-position	Position de la puce.	inside | outside	list-style-position: inside;
list-style-type	Type de puce.	disc | circle | square | decimal | lower-roman | upper-roman | lower-alpha | upper-alpha |	list-style-type: decimal;

Logiques écriture			
block-size	Taille dans l’axe bloc.	auto | <length> | <percentage>	block-size: 20rem;
inline-size	Taille dans l’axe inline.	auto | <length> | <percentage>	inline-size: 60ch;
inset	Raccourci top/right/bottom/left.	<length-percentage> | auto	inset: 0;
margin-block	Marge sur l’axe bloc.	start/end	margin-block: 1rem 2rem;
margin-inline	Marge sur l’axe inline.	start/end	margin-inline: auto;
padding-block	Padding sur l’axe bloc.	start/end	padding-block: 1rem;
padding-inline	Padding sur l’axe inline.	start/end	padding-inline: 2rem;

Média			
object-fit	Ajustement média.	fill | contain | cover | none | scale-down	object-fit: cover;
object-position	Position du média.	<position>	object-position: 50% 30%;

Outline			
outline	Contour (hors flux).	color style width	outline: 2px solid #3b82f6;
outline-color	Couleur du contour.	<color> | invert	outline-color: #3b82f6;
outline-offset	Décalage du contour.	<length>	outline-offset: 3px;
outline-style	Style de contour.	auto | none | dotted | dashed | solid | double | groove | ridge | inset | outset	outline-style: solid;
outline-width	Épaisseur du contour.	thin | medium | thick | <length>	outline-width: 2px;

Tableaux			
border-collapse	Fusion des bordures.	collapse | separate	border-collapse: collapse;
border-spacing	Espacement entre cellules (separate).	<length>	border-spacing: 0 8px;
caption-side	Position de la légende.	top | bottom	caption-side: bottom;
empty-cells	Cellules vides visibles ?	show | hide	empty-cells: show;
table-layout	Algorithme de layout.	auto | fixed	table-layout: fixed;

Transformations			
perspective	Distance de perspective.	none | <length>	perspective: 800px;
perspective-origin	Origine de perspective.	<position> | <length-percentage>	perspective-origin: 50% 50%;
rotate	Rotation (propriété individuelle).	none | <angle> | <number> <angle>	rotate: 45deg;
scale	Mise à l’échelle (propriété individuelle).	none | <number> [<number>]	scale: 1.2;
skew	Inclinaison (fonction transform).	skew(<angle> [, <angle>]?)	transform: skew(10deg, 5deg);
transform	Transformations 2D/3D (raccourci).	translate() rotate() scale() skew() matrix() …	transform: rotate(10deg) translateX(8px) scale(1.05);
transform-origin	Origine de la transformation.	<position> | <length-percentage> [<length>]?	transform-origin: center;
transform-style	Préservation 3D enfants.	flat | preserve-3d	transform-style: preserve-3d;
translate	Translation (propriété individuelle).	none | <length-percentage> [<length>]	translate: 12px 0;

Transitions & animations			
@keyframes	Définit les étapes d’anim.	règle at-rule	@keyframes fade-in { from {opacity:0} to {opacity:1} }
animation	Animation (raccourci).	name duration timing-function delay iteration-count direction fill-mode play-state	animation: fade-in .6s ease-out both;
animation-delay	Délai.	<time>	animation-delay: .2s;
animation-direction	Direction.	normal | reverse | alternate | alternate-reverse	animation-direction: alternate;
animation-duration	Durée.	<time>	animation-duration: 2s;
animation-fill-mode	Remplissage.	none | forwards | backwards | both	animation-fill-mode: both;
animation-iteration-count	Répétitions.	<number> | infinite	animation-iteration-count: infinite;
animation-name	Nom.	none | <custom-ident>	animation-name: ping;
animation-play-state	Lecture/Pause.	running | paused	animation-play-state: running;
animation-timing-function	Courbe.	ease | linear | ease-in | ease-out | ease-in-out | cubic-bezier() | steps() | step-start | step-	animation-timing-function: ease-in-out;
transition	Transition (raccourci).	property duration timing-function delay	transition: transform .3s ease;
transition-delay	Délai.	<time>	transition-delay: 75ms;
transition-duration	Durée.	<time>	transition-duration: 300ms;
transition-property	Propriétés ciblées.	none | all | <custom-ident-list>	transition-property: opacity, transform;
transition-timing-function	Courbe.	ease | linear | ease-in | ease-out | ease-in-out | cubic-bezier() | steps()	transition-timing-function: cubic-bezier(.2,.8,.2,1);

Typographie			
color-scheme	Schémas de couleur supportés.	normal | light | dark | only light | only dark	color-scheme: light dark;
direction	Sens d’écriture.	ltr | rtl	direction: ltr;
font	Raccourci de police.	style variant weight stretch size/line-height family	font: 600 1rem/1.5 system-ui, sans-serif;
font-family	Famille(s) de police.	liste + generic-family	font-family: Inter, system-ui, -apple-system, sans-serif;
font-feature-settings	Accès OpenType bas niveau.	normal | '<tag>' <number>	font-feature-settings: 'ss01' 1;
font-kerning	Crénage.	auto | normal | none	font-kerning: normal;
font-size	Taille de la police.	<absolute-size> | <relative-size> | <length> | <percentage>	font-size: clamp(14px, 2vw, 18px);
font-stretch	Étirement.	50%–200%	font-stretch: 100%;
font-style	Style.	normal | italic | oblique <angle>?	font-style: italic;
font-variant	Variantes (raccourci).	small-caps | numeric | ligatures…	font-variant: small-caps;
font-variant-numeric	Chiffres/fractions.	lining-nums | oldstyle-nums | tabular-nums…	font-variant-numeric: tabular-nums;
font-weight	Graisse.	100–900 | normal | bold | bolder | lighter	font-weight: 500;
hyphens	Césures.	none | manual | auto	hyphens: auto;
letter-spacing	Espacement lettres.	normal | <length>	letter-spacing: .02em;
line-height	Hauteur de ligne.	normal | <number> | <length> | <percentage>	line-height: 1.6;
overflow-wrap	Rupture pour éviter le dépassement.	normal | anywhere | break-word	overflow-wrap: anywhere;
tab-size	Taille de tabulation.	<number> | <length>	tab-size: 4;
text-align	Alignement horizontal.	start | end | left | right | center | justify | match-parent	text-align: center;
text-align-last	Dernière ligne.	auto | start | end | left | right | center | justify	text-align-last: justify;
text-decoration	Raccourci décoration.	line style color thickness	text-decoration: underline wavy #9333ea 2px;
text-decoration-color	Couleur de ligne.	<color>	text-decoration-color: crimson;
text-decoration-line	Type de ligne.	none | underline | overline | line-through	text-decoration-line: line-through;
text-decoration-style	Style de ligne.	solid | double | dotted | dashed | wavy	text-decoration-style: dotted;
text-decoration-thickness	Épaisseur.	auto | from-font | <length-percentage>	text-decoration-thickness: from-font;
text-indent	Retrait première ligne.	<length-percentage> | hanging | each-line	text-indent: 2em;
text-overflow	Ellipses / découpe.	clip | ellipsis | <string>	text-overflow: ellipsis;
text-shadow	Ombre du texte.	offset-x offset-y blur color	text-shadow: 0 1px 2px rgba(0,0,0,.2);
text-transform	Transformation.	none | capitalize | uppercase | lowercase | full-width	text-transform: uppercase;
text-underline-offset	Décalage soulignement.	auto | <length-percentage>	text-underline-offset: 3px;
white-space	Gestion des espaces.	normal | pre | nowrap | pre-wrap | pre-line | break-spaces	white-space: nowrap;
word-break	Coupure de mots.	normal | break-all | keep-all | break-word	word-break: break-word;
word-spacing	Espacement mots.	normal | <length-percentage>	word-spacing: .1em;
writing-mode	Orientation du flux.	horizontal-tb | vertical-rl | vertical-lr	writing-mode: vertical-rl;

Variables			
custom properties	Déclarer des variables CSS.	--nom: valeur;	--brand: #0ea5e9;

var()	Utiliser une variable.	var(--nom, fallback?)	color: var(--brand, #0ea5e9);