KOK CSS CHEATSHEET

```
tag.my_class {
    property: value;
}
```
- The tags you want to target
- Filter the tags by .class
- Selector
- The style you apply
- What you want to stylize

SELECTORS

Selector	Description
*	Target all items. Can be used with descendants items: #container *
#my_id	Target a specific id
.my_class	Target a specific class
X Y	Target descendants items
X	Target all the same items
X + Y	Target an adjacent item
X > Y	Target the child item
X ~ Y	Target any adjacent item contained in a specific parent
X[attribute]	Target any specific items with a specific attribute
X:hover	Target any specific items when the user hovers over it
X:link	Target any specific link items which have yet to be clicked on
X:visited	Target any specific link items which have been clicked on
X:checked	Target a specific item that has been checked, like a checkbox
X::before	Target a pseudo-element that is the first child of the Targeted item
X::after	Target a pseudo-element that is the last child of the Targeted item

POSITIONING

Property	Description	Values
display	How to display <tag>	none | block | inline | inline-block | flex
position	How to position <tag>	relative | absolute | fixed | static | sticky
top	Vertical position	value (px, em or %) | auto | initial | unset
right	Right position	value (px, em or %) | auto | initial | unset
bottom	Bottom position	value (px, em or %) | auto | initial | unset
left	Left position	value (px, em or %) | auto | initial | unset
clear	Next or down a floating <tag>	none | left | right | both | inline-start | inline-end
z-index	Specifies the <tag> z-order	auto | value
direction	Content direction	ltr | rtl
overflow	Display overflowing content	visible | hidden | scroll | auto
visibility	Without affecting the layout	visible | hidden | collapse
float	Wraping in the flow	left | right | none | inline-start | inline-end

FLEXBOX /* container */

Property	Description	Values
flex-direction	Direction of the child <tag>	row | row-reverse | column | column-reverse
flex-wrap	How to allow wrapping	nowrap | wrap | wrap-reverse
justify-content	Alignment of the child <tag>	flex-start | flex-end | center | space-between | space-around | space-evenly
align-items	Vertical alignment	flex-start | flex-end | center | baseline | stretch
align-content	Vertical gutter	flex-start | flex-end | center | space-between | space-around | stretch

FLEXBOX /* items */

Property	Description	Values
order	Control of the items	value
flex-grow	Manage width	value
flex-shrink	Manage shrink	value
flex-basis	Vertical alignment	value | auto
align-self	Vertical gutter	auto | flex-start | flex-end | center | baseline | stretch

LISTS

Property	Description	Values
counter-reset	Start a counter	[<custom-ident> value]
counter-increment	Increases or decreases counter	[<custom-ident> value]
list-style-type	top right bottom left	disc | circle | square | decimal | georgian | cjk-ideographic | kannada | (custom)
list-style-image	Setting an image as a list style	url | none
list-style-position	Inside the or not	inside | outside

COLOURS AND BACKGROUND

Property	Description	Values
color	Text color	#hexadecimal | rgb | rgba
background-color	Color of the background	#hexadecimal | rgb | rgba
background-attachment	Fixing the image	scroll | fixed | local
background-repeat	Repeat or not the background	repeat-x | repeat-y | [repeat | space | round | no-repeat]
background-image	Setting a image as background	url(path/to/my/image.ext)
background-position	Setting the image position	top | bottom | value (px, em, vh or %)
background-size	Sizing the image background	cover | auto | contain | value (px, em, vh or %)

TABLES

Property	Description	Values
caption-side	Display table caption	top | bottom | block-start | block-end | inline-start | inline-end
table-layout	Specifies the layout algorithm	auto | fixed
border-collapse	Adjacent cells share border	collapse | separate
border-spacing	top bottom, right left	value (px)
empty-cells	What if empty?	show | hide

MISCELLANEOUS

Property	Description	Values
Cursor	Customising sursor	auto | default | none | context-menu | help | pointer | progress | wait | cell | crosshair | text | vertical-text | alias | copy | move | no-drop | not-allowed | e, n, ne, nw, s, se, sw, w, ew, ns, nesw, nwse, col, row-resize | all-scroll | zoom-in | zoom-out | grab | grabbing | cursor: url(cursor1.png) 4 12, auto;
quotes	Styling quotation marks	ex: "«" "»";

FONT

Property	Description	Values
font-family	List of one or more font family	"Font name", font, sans-serif
font-style	Getting your text some style	normal | italic | oblique
font-weight	Setting the text weight	normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900
font-stretch	Setting the text stretch	normal | ultra, semi, extra, -condensed | ultra, semi, extra, -expanded
font-size	Setting the text size	value (px, em or %) xx, x, -small | medium | xx, x, -large | larger | smaller
font-size-adjust	Height based on lowercase	value (px, em or %)

TEXT

Property	Description	Values
text-indent	Space before lines of the text	value (px, em, vh or %)
text-align	Ho to manage text alignment	start | end | left | right | center | justify | match-parent
text-decoration	Making text beautifull	underline | wavy | line-through | none | dashed | blink | overline
text-shadow	Text drop shadow	(color) (offset-x) (offset-y) (blur-radius)
letter-spacing	Spacing behavior between characters	value (px, em)
word-spacing	Spacing behavior between words	value (px, em)
text-transform	Capitalizing an element's text	none | capitalize | uppercase | lower-case | full-width
white-space	Wrapping text	normal | pre | nowrap | pre-wrap | pre-line
line-height	Space between lines of text	value (px, em)

DIMENSIONS

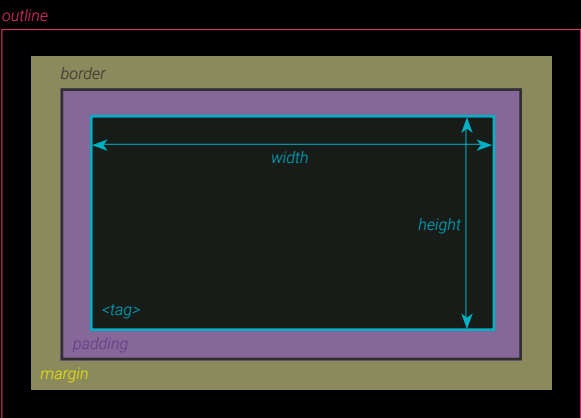| Property	Description	Values
width	Setting a with value	value (px, em, vh or %)
height	Setting a height value	value (px, em, vh or %)
max-width	Setting a maximum width	value (px, em, vh or %)
max-height	Setting a maximum height	value (px, em, vh or %)
min-width	Setting a minimum width	value (px, em, vh or %)
min-height	Setting a minimum height	value (px, em, vh or %)
vertical-align	Manage vertical alignment	value (px, em, vh or %)

BOXES

Property	Description	Values
margin	top right bottom left	value (px, em, vh or %)
padding	top right bottom left	value (px, em, vh or %)
border-style	top right bottom left	none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset
border-color	top right bottom left	#hexadecimal | rgb | rgba
border-width	top right bottom left	value (px, em, vh or %)
border-image	Setting an image as a border	image-source | slice | height | width | outset | repeat
border-radius	Setting the radius	value (px, em or %)
outline-width		value (px, em, vh or %)
outline-style	top right bottom left	none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset
outline-color	top right bottom left	#hexadecimal | rgb | rgba
box-sizing	calculating width and height	content-box | border-box
box-shadow	Shadow in or out the box	(inset, nothing) (horizontal length) (vertical length) (blur radius) (spread)

BOX MODEL

Note: When using box-sizing: border-box; the padding and the border will be included in the width and height values (recommended).

TRANSITIONS

Property	Description	Values
transition-delay	Delaying the transition	value (s or ms)
transition-duration	How long?	value (s or ms)
transition-property	What will be animate?	any css value | all
transition-timing-function	Transition effect	ease | ease-in | ease-out | ease-in-out | cubic-bezier

TRANSFORM

Property	Description	Values
transform-function	Modify the coordinate space	matrix | translate | scale | rotate | skew | perspective
backface-visibility	Show or not the backface	visible | hidden
perspective	Give some perspective the item	value (px, em, vh or %)
perspective-origin	Where the viewer is looking	x-position y-position (px, em or %)
transform-box	Defines the layout box	border-box | fill-box | view-box
transform-origin	Defines the G spot	value (px, em or %)
transform-style	Applies to the children items	flat | preserve-3d

ANIMATION

Property	Description	Values
animation-delay	Specifies when an animation should start	value (s or ms)
animation-direction	Forwards, backwards, or alternating	normal | reverse | alternate | alternate-reverse
animation-duration	Specifies the animation's length	value (s or ms)
animation-fill-mode	Before and after the animation	none | forwards | backwards | both
animation-iteration-count	Loop the animation	value | infinite
animation-name	Setting an image as a name	any custom name
animation-play-state	Run or pause the animation	running | paused
animation-timing-functiontion	Setting the radius	linear | ease | ease-in | ease-out | ease-in-out | cubic-bezier | step-start | step-end | steps | frames

MULTI-COLUMN

Property	Description	Values
column-count	How many columns?	value | auto
column-fill	How contents are partitioned into columns	auto | balance | balance-all
column-gap	Setting the size of the gap	value (px, em or %)
orphans	Setting a minimum number of orphans lines	value
column-rule-color	Color of the rule between columns	#hexadecimal | rgb | rgba
column-rule-style	Style of the rule	none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset
column-rule-width	Width of the rule between columns	value (px, em or %)
column-span	making it possible for an element to span across all columns	none | all
column-width	Setting all column's width	value (px, em or %)

@-RULES

Property	Description	Values
@charset	Defines the stylesheet charset	<charset> (eg. utf-8)
@font-face	Import webproof fonts	font-family | src | font-variant | font-feature-settings | font-stretch | font-weight | font-style
@import	import style rules from other style sheets	url
@keyframes	Setting steps in a CSS animation	X%{property: value;}
@media	Apply styles based on device	all | print | screen | speech
@page	Rules when printing a document	

COLOUR/IMAGE EFFECTS

Property	Description	Values
filter	Apply filters	blur | brightness | contrast | drop-shadow | grayscale | hue-rotate | invert | opacity | saturate | sepia
mix-blend-mode	Apply a blend mode	normal | multiply | screen | overlay | darken | lighten | color-dodge | color-burn | hard-light | soft-light | difference | exclusion | hue | saturation | color | luminosity
opacity	Tag's opacity	value (between 0 and 1)