



CSS CHEATSHEET

SELECTORS

basic selectors

div	<div>
#itemid	element with id "itemid"
.class	elements with class "-cla-ss"
div.class	<div> with class "-cla-ss"
div#itemid	<div> with id "itemid"
div span	 within <div>
div, span	 and <div>
div + span	 after <div>
div > span	 with parent <div>
*	all elements
a[attr]	<a> with attribute "attr"
a[attr=x]	<a> when "attr" is "x"

pseudo class selectors

a:active	<a> when pressed
a:focus	<a> when focussed
a:hover	<a> when hovered
:first-child	first child element
tr:nth-child(3n+1)	<tr> 1, 4, 7...
tr:nth-child(odd)	<tr> 1, 3, 5...

pseudo element selectors

::after	insert content after element
::before	insert content before element
::first-letter	first letter of element
::first-line	first line of element
::selection	selected part of element

form pseudo class selectors

input:checked	checked input
input:disabled	disabled input
input:enabled	enabled input
input:invalid	invalid input
input:required	required input
input:valid	valid input

UNITS

px	a pixel
em	percentage of parent font size
rem	percentage of <html> font size
%	percentage of width

TEXT

fonts

color	text color, e.g. #9c6
font-family	e.g. Helvetica, Arial, sans-serif
font-size	px, rem, em or % small, smaller, large, larger
font-style	italic normal
font-weight	bold normal 100, 200, ..., 900

styling & spacing

letter-spacing	extra letter spacing, e.g. 2px
line-height	e.g. 1.4
text-align	hor. align: left center right
text-decoration	none underline
text-transform	uppercase lowercase capitalize
white-space	nowrap pre
word-spacing	extra word spacing, e.g. 2px

lists

list-style-type	none disc square decimal ...
list-style-image	url(...)
list-style-position	inside outside

COLORS & BACKGROUNDS

colors

#36f97c	hex color: R=36, G=f9, B=7c
#5c9	shorthand for #55cc99
#36F97C8D	hex color with transparency 8D
rgb(54,249,124)	RGB notation
rgba(54,249,124,0.7)	RGB notation, opacity 0.7

backgrounds & images

background-color	e.g. #fff
background-image	e.g. url(img/bg.png) e.g. linear-gradient(#0000, #0003);
background-repeat	no-repeat repeat repeat-x repeat-y
background-size	% cover contain
background: #fff url(img_tree.png) no-repeat right top;	background-color: #fff; background-image: url(img_tree.png); background-repeat: no-repeat; background-position: right top

BOX MODEL

margins, paddings, border

border-color	e.g. #ccc
border-radius	e.g. 3px
border-style	none solid dashed dotted
border-width	px, rem, em or %
border: 2px solid #900;	border-width: 2px; border-style: solid; border-color: #900;
margin: 10px (same for padding)	margin-top: 10px; margin-right: 10px; margin-bottom: 10px; margin-left: 10px;
margin: 5px 10px (same for padding)	margin-top: 5px; margin-right: 10px; margin-bottom: 5px; margin-left: 10px
margin: 5px 10px 15px 20px (same for padding)	margin-top: 5px; margin-right: 10px; margin-bottom: 15px; margin-left: 20px

dimensions (doesn't work on inline elements)

box-sizing	border-box content-box (include exclude padding and border)
height	px, rem, em or %
max-width	px, rem, em or %
min-width	px, rem, em or %
width	px, rem, em or %

other

box-shadow	e.g. 10px 10px 5px #888; (left, top, blur, color)
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OTHER

transitions

transition-property	all css property
transition-duration	number of seconds
transition: background 0.3s;	transition-property: background; transition-duration: 0.3s;

miscellaneous

cursor	auto pointer help not-allowed
calc()	e.g. width: calc((100% - 250px) / 3)
var()	:root { --primary-color: #655; --secondary-color: #855; } a { color: var(--secondary-color); }
@media()	@media (min-width: 600px) { .mobile-only { display: none; } }

LAYOUT

appearance

display	none block inline inline-block
opacity	e.g. 0.7 (70% opaque)
visibility	hidden visible
overflow (same for overflow-x, overflow-y)	hidden visible scroll auto

positioning (position elements based on coordinates)

position	absolute relative fixed
top right bottom left	px, rem, em or %

float / clear (float / prevent content around element)

float	none left right
clear	none left right both

flexbox

display: flex	create flex container
flex-direction	row row-reverse column column-reverse
flex-wrap	wrap nowrap
justify-content	flex-start flex-end center space-between (positioning items along flex direction)
align-items	flex-start flex-end center (positioning items across flex direction)
flex-flow: row nowrap	flex-direction: row; flex-wrap: nowrap;

grid

display: grid	create grid container
grid-template-columns	e.g. 150px minmax(150px,650px) auto
grid-template-rows	e.g. 50px auto
grid-template-areas	e.g. grid-template-areas: "topleft . topright" "contentleft bottom contentright";
grid-area	e.g. grid-area: contentleft;