BASIC HTML CHEATSHEET

EXEMPLE

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>My First Heading</h1>
    <p>My first paragraph.</p>
  </body>
</html>
```

ESTRUCTURA

```html
<!-- Document -->
<!DOCTYPE html>
<html> ... </html>

<!-- Descripció -->
<head> ... </head>

<!-- Contingut -->
<body> ... </body>
```

FORMAT DE TEXT

```html
<b>Bold text</b>
<i>Italic text</i>
<u>Underlined text</u>
<s>Strikethrough text</s>
<sub>Subscript text</sub>
<sup>Superscript text</sup>
<small>Small text</small>
<big>Big text</big>
```

```html
<!-- Comentari -->
```

TAGS SEMANTICS

```html
<strong>Strong text</strong>
<em>Emphasized text</em>
<ins>Inserted text</ins>
<del>Deleted text</del>
<mark>Marked text</mark>

<header>Header content</header>
<nav>Site Navigation</nav>
<main>Main content</main>
<section>Main section</section>
<article>Other content</article>
<aside>Sidebar content</aside>
<footer>Footer content</footer>
```

TÍTOLS

```html
<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
```

SALTS DE LÍNIA

```html
<p>
    First line<br>
    Second line
</p>
```

ATRIBUTS

```html
<a href="url">links only</a>
<img src="image.jpg">images only
<img ... alt="descripcio">images only
<div title="tooltip">any element</div>
<div style="color:red">any element</div>
<html lang="ca">html only</html>
```

PARÀGRAF

```html
<p>This is a paragraph.</p>
<p>This is a very large paragraph wrapped
across multiple lines.</p>
<p>Spaces      are meaningless
as well as new lines.</p>
```

ENLLAÇ

```html
<a href="https://www.duckduckgo.com">This is a link</a>
```

IMATGE

```html
<img src="profile.jpg" alt="Perfil" width="104" height="142">
```

SELECTORS CSS CHEATSHEET

BASIC

```
<p id="first" class="example">

#first { color: pink; }
.example { font-size: 200%; }
p { background: yellow;}
* { font-weight: thin; }
```

ATRIBUTS

```
<p id="first" class="example">
<li items="two three">
<li items="four-five">

[id="first"] { /* igual */ }
[class*="amp"] { /* contains */ }
[class^="exa"] { /* begin */ }
[class$="exa"] { /* ple */ }
[items~="two"] {/* word space */}
[items|="five"] {/* word dash */}
```

PSEUDO-CLASS

```
:hover { /* mouse over */ }
:link { /* not visited */ }
:visited { /* visited */ }
:active { /* pressed */ }

:focus { /* focused */ }
:disabled { /* disabled */ }
:enabled { /* enabled */ }
:checked { /* checked */ }

:empty { /* ... */ }
:not(...) { /* ... */ }

:first-child { /* ... */ }
:last-child { /* ... */ }
:only-child { /* ... */ }
:nth-child(2) { /* ... */ }
:nth-child(2n+1) { /* ... */ }
:nth-last-child(2) { /* ... */ }
:first-of-type { /* ... */ }
:last-of-type { /* ... */ }
:only-of-type { /* ... */ }
:nth-of-type(2) { /* ... */ }
```

COMBINACIONS

```
<div id="four" class="table" vegan="yes">
  <plate><bento><apple /></bento></plate>
  <plate id="#fancy"><apple class="small" /></plate>
  <cup><coffee /></cup>
</div>

plate#fancy { /* element and id 1,0,1 */ }
apple.small { /* element and class 0,1,1 */ }
#four.table { /* class and id 1,1,0 */ }
[vegan="yes"].table { /* attribute and class 0,2,0 */ }
div#four.table[vegan="yes"] { /* all 1,2,1 */ }

.table apple { /* inside at any deep 0,1,1 */ }
.table > plate { /* direct child 0,1,1 */ }
plate + plate { /* direct sibling 0,0,2 */ }
plate ~ cup { /* any sibling 0,0,2 */ }
plate ~ * coffee { /* coffee from sibling 0,0,2 */ }
:is(plate, cup) > apple { /* plate or cup ... 0,0,2 */ }

.table:hover { /* hovered table 0,2,0 */ }
.table:hover apple { /* apple inside hovered 0,2,1 */ }
.table apple::before { /* apple before 0,1,2 */ }
```

PSUEDO-ELEMENTS

```
::first-line { /* font,color,back,word,text,letter,line,clear */ }
::first-letter { /* font,color,back,word,text,letter,line,clear */ }
::before { /* content,display... */ }
::after { /* content,display... */ }
::marker { /* llistes */ }
::selection { /* color,back,word,cursor,outline */ }
```

!IMPORTANT

```
<div style="color: red"></div>

div { color: pink !important; }
```

SPECIFITY

```
1. <x style="..." />
2. <x id="..." />
3. .class,:pseudo-class,[attr]
4. <element>,::pseudo-element
```

CSS POSITIONS CHEATSHEET

BASIC

```css
display: inline;
display: block;
display: inline-block;
display: flex;
display: inline-flex;
```

POSITION

```css
position: static;   /* default */       top: 10%;
position: relative; /* keeps space */    left: 20%;
position: absolute; /* to the relative */ right: 30%;
position: fixed;    /* to the window */  bottom: 40%;
position: sticky;   /* inside its parent */
```

relative

top

absolute

left

right

bottom

VISIBILITY

```css
display: none; /* not space */
visibility: hidden;
visibility: visible;
opacity: 0;
opacity: 0.5;
opacity: 1;
```

LAYOUT

header

.wrapper

nav | section | aside

footer

.row

.cell-1of4 | .cell-2of4 | .cell-1of4

FLOAT

```css
float: left;
float: right;
clear: left;
clear: right;
clear: both;


.clearfix { clear: both; }
```
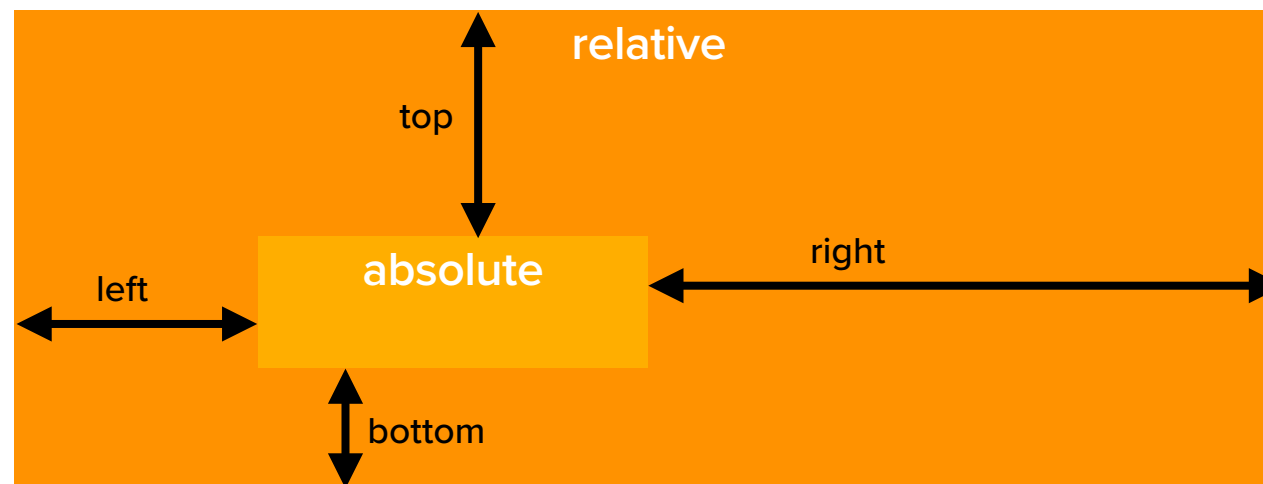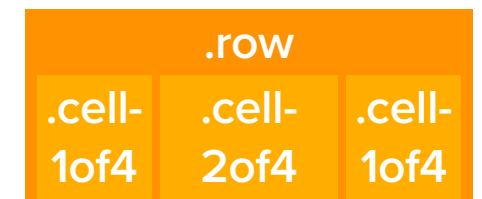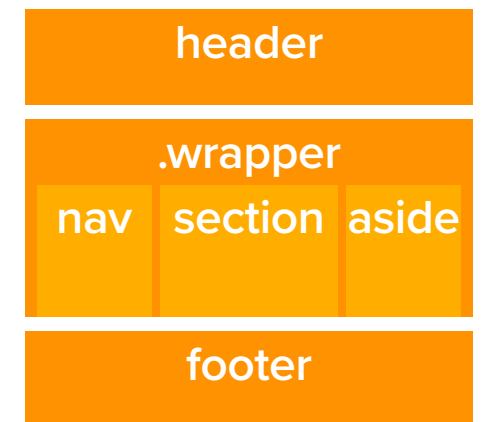
FLOAT - LAYOUT

```css
header { width: 100%; }
nav { float: left; width: 20%; }
main { float: left; width: 60%; }
aside { float: right; width: 20%; }
footer { width: 100%; }


.row { clear: both; }
.cell-1of3 { width: 33%; float: left; }
.cell-2of3 { width: 66%; float: left; }
.cell-1of2 { width: 50%; float: left; }
```

FLEX - LAYOUT

```css
body { display: flex; flex-direction: column; }
.wrapper { display: flex; }
nav { flex: 1; }
section { flex: 3; }
aside { flex: 1; }


.row { display: flex; }
.cell-1 { flex: 1; }
.cell-2 { flex: 2; }
.cell-1of3 { flex: 0 0 33%; }
```