

## HTML :

em(phrase), sub<sup>2</sup>, sup<sup>2</sup>, pre(unusual form), Titre: H1,H2,...

Span ≠ div (sec Vs select)

OrderList : 1,A,a,l,i

UL: disc, circle, square

DL: dt + dd

Tags sémantiques :

- **HTML** : header, nav, section(header, article, footer), aside, footer
- **Tag** : details + summary, **mark**, time, table({col,row}span, col-group), form(select [multiple, optgroup], datalist[input list], fieldset, pattern, multipart)
- **Meta** : autor, desc, keywords, viewport(width=device-width, initial-scale=1.0), http-equiv(refresh, content-type), social(twitter:card,title,og:title)

**Multimedia**: audio(controls, autoplay, source [src, type], loop, muted), video(width, height, poster, track), SVG(xml), canvas

**Tools**: progress(anim), meter, map(for img : area + usemap)

## CSS (Cascading Style Sheets):

**Heritage** : color, font-{size, family}, line-height, text-{align,deco}

**Non H.** : width, height, border, a, input

**Selector**: \*, +(after), > (direct children), [] (attribut, \*contient, \$ ~end, ^ | start-)

**PseudoS**: classes(:link, visited, active, hover, empty), elem(::before, selection, first-{letter,line})

**Types**: inline, interne, extern(link rel) → !important

**U.Taille**: absolus(in, mm, cm, pt, pc), relatives({r}e{m,x}[M,X], px, v{h,w}, %)

**Pos.Order**: Top Left Right Bottom

**Text**: shadow(hD vD blur color),

font(style variant weight size/height family), t-indent, {l,w}-spacing, t-transform, w-wrap

**Border**: width style color, raduis

**Back**: color img repeat attach pos

**List**: -style (type posMark img)

**Box**: margin border padding

**B-sizing**: {content, border}-box

**Table**: caption-side, empty-cells

**Overflow**: espace plus (visible, auto, scroll, hidden), -{x,y}

**Pos**: static, relative(normal pos), absolute (F.parent relative), fixed

**ToolsPos**: top, right, z-index, ..

**Float Vs Clear**: rejoindre Vs new

**Flex**: fils direct conteneur

- None | [f-grow f-shrink||f-basis]
  - auto for -basis
  - Nb for -grow
- -flow: f-direction | f-wrap
- Justify-content(Axe.P): center, f-{start, end}, space-{between, around [bet+BEnd], evenly [space iden]}
- Align-{items, content, self} (A.-Sec)
- -grow, -shrink, -basis: 0 | 1 | 2
- Grid**: fr(fraction de l'espace rest)
  - -template: -columns, -rows, -areas( struct + noms [. : vide])
  - -auto : -columns, -rows
  - -{column, row}?-gap : nbSpace
  - -{column, row}-{start, end} : nb
  - align: {justify(col), align(line)}-{content, items(elems)}

## Responsive:

**Media Queries**: @media type[all, screen, print, speech] and | or (condition[color, resolution, aspect-ratio, orientation, grid,...]) {..}

**Bootstrap**: framework client

(jquery, popper, js, css)

- grille: 12 cols (xs<sm<md <lg<xl) chacun prend <else 1
- container | -fluid (100%)
- col, col-\*, col-{bP}-auto: D.iden
- Float: -bP?-{left, right} ≠ .clearfix (pour clear)
- Display: d-{val | [bP,print]-val}
  - val: none, block, ..
- offset-{bP}-{nb}: décaler [1,11]
- Size: m?{w,h}{25,50,75,100}
- Pos: position-{static,...}, fixed-{top,bottom}, ..
- Align: -{top, middle, ..}, inline, ..
- {m,p}-{t,b,r,x,y}?-{bP}?-[0-5,auto] : margin et pad
- Flex: flex-{bP}?-{row,column,...}
- color: {text,bg-[gradient]? , border}-{primary, success, info, white, ..} + text-muted, rounded-{top,right,..,0}{for border}

- Table: -striped(pair), -bordered (≠less), -hover, -color, -responsive-{bP}?
- img: -fluid(ne dépasse taille parent), -thumbnail (border 1px)
- alert: -color, -link, -dismissible
- btn: -color(+outline), -block(1), -group, -{lg, sm}
- radio: btn-group-toggle+ label contain input(type=radio ou checkbox)
- pagination: breadcrumb contain breadcrumb-item
- card: contain card-{img-[top, bottom], body, title, text}
  - -columns, deck, group: ∞
- dropdown (liste déroulante): contain dropdown-{menu+ header, item, divider}
- details + summary: collapse (as details), data-toggle="collapse" + data-target="id|classe" (as summary)
- Menu: nav contain nav-item
  - nav-justified :largeurs egales
  - nav-{tabs, pills} : contain data-toggle="tab|pill" + data-target="id|class" puis définir l'id ou class
- Barre navigation: navbar, -expand-{bP}, -color
  - navbar-{brand, nav [in navbar-collapse that contain nav-item]}
- Form: -inline, -group(contain form-control), -check
  - Input-group: -prepend + form-control + -append
  - custom: -control, -checkbox,..
- Carousel: contain -indicators, -inner(contenu a -item [contain -caption]), -control-{prev, next} with data-slide="prev|next"
- Modal: -dialog > -content > -header (-title), -body, -footer
  - Call with data-toggle + data-target
- Scrollspy: navbar + data-spy="scroll"& data-target="idNavbar"