CSS

Websites to search

Mdn – w3school – CSS3pattern Gallary(to linear-gradient)

HTML

* <!DOCTYPE html> (to know version of html)

بتتكتب فى الهيد بتبقى عامله ذى الاختصار يعنى كده هكتب فى السورس بتاع <base href = “images/”> ( •

(الامدج اللينك علط طول من غير اسم الفايل

* <meta name=”author or descroption” content=””>
* <font size=”(1:7)” color=”” face=”name of fonts”> </font>
* <b> to bold, <I> to italic, <pre>, <br/> self-close, <hr>, <center>, <div>, <span>, <p>, <ul type=”” start=””>, <li>, <ol type=”” start=”” >, <dt> definition list, <dd>, <img src=”” width=”” height=”” alt=”” align=”” >, <textarea cols=”” rows=”” name=””>,

>(يعنى اقدر اختار تاكتر من قيمه بكنترول الت)” multiple(عدد اللى هيظهر)<select size=”3 •

* + <option>
* <map>
* <iframe width=”” height=”” scrolling=”no” src=”” frameborder=”” allow=”autoplay” allowfullscreen>

(لو عايزه احيب فيديو من على اليوتيوب او خريطه بروح عند الشير واختار ايمبيد وانسخهم) o

* <Table width=”” border=”” cellpadding=”” cellspacing=”” > o <Caption>, <thead> <th rowspan=”” colspan=”” width=”” bgcolor=””> bolder than <td>, <tbody> <tr> to many row<td>, <tfoot>
* <Form method=”” action=”ا لصفحه اللى هروحلها”>
* Input o Type

▪ Text, password, hidden, checkbox, radio (,)بديهم نفس النيم button, submit, reset, image(type=”image” src=””), file

* + <input type=”” id=”” name=”” value=””>

o

* <body>
  + Link=”green” , alink=”yellow” (active link) , vlink=”red”
* <a>

[Your Recording 26.wav](https://fcihelwanedu-my.sharepoint.com/personal/amira_20210185_fci_helwan_edu_eg/Documents/Transcribed%20Files/Your%20Recording%2026.wav)

* + Href = “#abc”
  + Name=”abc”
  + <a href=”test/page2.html#tset”> acnhor
  + <a href = “mailto: dhgfj@gmail.com?subject=aaaaa&body=bbbb “> to reach email

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CSS

* Visibility(hidden) save location
* Display(none) don`t save location
* Transparent (شفا ف) • Border-
* Radius : inherit
* Width
* Color
* Image: linear-gradient ( red, green)
* Image-source: url(“”); ▪ Image-source-slice: 40 fill ▪ Image-width:
* Image-repeat: round or space
* Image-outset: 20px;

▪

* Border-radius : 50px / 20px 70px
* Box-shadow: inset offsetX offsetY blur spread color

▪

* Position: sticky (fixed and relative) (fixed-> to move with scroll, relative-> move from location her)
* Float, clear

Selectors

* ^ -> to start, $ -> to end, \* -> to search it, ~ -> to search on the word alone, |-> to search on the word in start

Links

( علشان يكون متظبط على اكتر من متصفحReset file ( •

* Normalize
* Link of font
* Webfonts (inside of css file)
* All.min from fontawesome

\*{

-webkit-box-sizing: border-box;

-moz-box-sizing: border-box;

Box-sizing: border-box;

}

.container{

Padding-left: 15px;

Padding-right: 15px;

Margin-right: auto;

Margin-left: auto; }

Small

@media(min-width: 768px){ .container{width:750px} }

medium

@media(min-width: 992px){ .container{width:970px}}

Large

@media(min-width: 1200px){ .container{width:1170px} }

Html{ scroll-behavior;}

Grid-template-columns:repeat(auto-fill , minmax(450px , 1fr));

Bootstrap

* Consist of utility & component & grid.css
* CDN or Download o Because bootstrap is distributed on a server for each counter.
  + CDN-> takes it from the server of its country or a nearby one ( لو هيرفعه على الوي ب ).

( يعنى هيستخدمه من غير نت فى حاله انه مش هيرفعه ) >-Download o Choose compiled CSS & JS. ▪

* + - Remove map files.
    - bootstrap.min (minified (مضغو ط))
    - Bootstrap. bundle (not use link popper)
* It is preferable to place the bootstrap file of CSS before the main CSS file
* mt-2 -> margin top 2px … m-auto
* border-top

Classes • ( بياخد المحتوى ويحطه فى الن ص) >-Container o

* + Container-fluid -> (full width) (المحتوى بيبقى للصفحه كلها) o Row -> flex – wrap (يعنى div بيبقى جنب بعض ه) o p-1 -> padding (0:5) …. p-1 = .25rem from all directions.
    - Rem -> from parent ( if parent is body -> .25rem = 4px ) ... note -> (body-> 16px)
    - Pt-4 -> padding-top ( pl -> left, pr -> right, pb -> bottom ) o Col-1 -> one column
    - Col-md-3 -> three col of the medium screen (lg->large, sm-> small)

▪

* + Text-center -> to put words in the middle

) like danger هيظهر كل الالوان المكتوبه)-Text o

* + btn
    - btn-(color).
  + Form-control -> to input

Links

* [Hello World (colorlib.com)](https://preview.colorlib.com/theme/poportfolio/)
* [1500+ Best Website Templates (HTML & CSS) 2023 - Colorlib](https://colorlib.com/wp/templates/) (for all templates)
* colorlib.com/preview/\*pixcl

Notes

* [Your Recording 7.wav](https://fcihelwanedu-my.sharepoint.com/personal/amira_20210185_fci_helwan_edu_eg/Documents/Transcribed%20Files/Your%20Recording%207.wav)
* CSS -> bootstarp.min.css - style.css
* JS -> jquery - bootstrap.bundle
* Width of page -> 12 col

Notes

To color <hr> you can use of border

Container{ padding-left & padding-right:20px; margin-left & margin-right:auto}

Media of container

-> @media(min-width:768px){.container{width:750px;}}

-> @media(min-width:992px){.container{width:970px;}}

-> @media(min-width:1200px){.container{width:1270px;}}

Templates

[Colorlib | Free Bootstrap Website Template](https://preview.colorlib.com/#travello)

[Colorlib | Free Bootstrap Website Template](https://preview.colorlib.com/#videograph)

[Colorlib | Free Bootstrap Website Template](https://preview.colorlib.com/#timezone)

[Home - Newspaper X (colorlibhub.com)](https://colorlibhub.com/newspaper-x/)

SELECTORS

* 1. Universal Selector
     + ***\****
  2. \* Combinators (Complex Selector)
* ***Descendant Selector***
  1. ***Div p {}***
     1. ***Select all <p> elements inside <div> elements***
* ***child selector***
  1. ***Div > p {}***
     1. ***Select all <p> elements that are the children of the <div> elements***
* ***Adjacent Sibling Selector***
  1. ***Div + p {}***
     1. ***Selects the first <p> element that are placed immediately after <div> elements***
* ***General Sibling Selector***
  1. ***Div ~ p {}***
     1. ***Select all <p> elements that are next siblings of <div> elements***
  2. Pseudo classes
     + ***:hover***
     + ***:active***
  3. Pseudo Element
     + ***::after***
     + ::before
     + ::first-letter
  4. Attributes Selector
     + ***Tag[attr]***
     + ***Tag[attr =”val”]***
     + ***[attr ~= “val”]***
     + ***[attr |= “val”] -> (writing in html “val-plapla”)***
     + ***[attr ^= “val”] -> (writing in html “val-plapla”***  ***or “valplapla”)***
     + ***[attr $= “val”] -> (writing in html “plapla-val”***  ***or “plaplaval”)***
     + ***[attr \*= “val”] -> (writing in html “plaplavalplapla”)***

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\* Units

* ***Screen measurement***
  + ***Px***
* ***Font Relative***
  + ***Em (******parent) body -> 16px***
  + ***1 rem -> 16 px (font-size of the root element)***
* ***Special***
  + ***% -> (relative to the parent element)***
* ***Viewport Length***
  + ***Vw -> (1% of the width of the viewport)***
  + ***Vh -> (1% of the height of the viewport)***
  + ***Vmin -> (1% of the width of smaller dimension)***
  + ***Vmax -> (1% of the width of larger dimension)***
* ***Physical measurment***
  + ***Inches -> 1 In = 96px = 2.54cm***
  + ***Points -> 1 pt = 1/72 of 1 in***
  + ***Cm***
  + ***mm***
* ***Picas -> 1 pc = 12 pt***

\* Attributes

* ***Color ex -> tomato, Bodgerblue, mediumseagreen***
  1. ***rgp(255, 99, 71) or rgpa(255, 99, 71, 0.5)***
  2. ***#ff6347***
  3. ***hsl(9, 100%, 64******%) or hsla(9, 100%, 64%, 0.5)***
* ***Width:***
  1. ***Width: fit-content;***
  2. ***Min-width:***
  3. ***Max-width:***
* ***Background***
  1. ***Background-color***
     1. ***background-color: lightblue;***
  2. ***Background-image***
     1. ***background-image: url(“”);***
     2. ***Background-image: linear-gradient (45deg || to right, black,***  ***transparent)*** ***(direction, color, color...)*** ***(Direction, color 10%, color 5%….)***
     3. ***Background-image: repeating-linear-gradient ()***
     4. ***Background-image: radial-gradient (color 10%, color....)*** **(Closest-side at 60% 40%, red, yellow, black)** **=> 60% from left & 40% from top** **(farthest-side at 54% 61%, red, yellow, black)**
     5. ***Background-image: repeating-radial-gradient ()***
     6. ***Background-image: conic-gradient (color, color...)*** ***( from 90deg, color...)*** ***( at 60% (from left) 50% (from top), color...)***
     7. ***Background-image: repeating-conic-gradient ()***
  3. ***Background-repeat***
     1. ***background-repeat: repeat-******x || repeat-******y |******| no-repeat***
  4. ***Background-attachment+***
     1. ***background-attachment:*** ***fixed || scroll***
        + ***Fixed -> (الصورة بتبقى ثابته حتى لو بعمل اسكرول)***
  5. ***Background-position***
     1. ***background-position: right top***
  6. ***Background-clip (where will the background start from?)***
     1. ***background-clip: border-box || padding-box || content-box***
  7. ***Background-origin (where will the background-image start from?)***
     1. ***background-origin: border-box || padding-box || content-box***
  8. ***Background-size***
     1. ***background-size: auto || 300px (for width & height) ||***

***300px (for width) 100px (for height)***

* 1. ***Background (shorthand)***
     1. ***background: color image repeat position***
* ***Borders & outline***
  1. ***Border-style***
     1. ***border-style: dotted || dashed || solid || double || groove || ridge || inset || outset || none || hidden***
     2. ***groove || ridge || inset || outset -> depend on border-color value***
     3. ***border-style: top right bottom left***
  2. ***Border-width***
     1. ***border-width: 5px (for all sides) ||***

***5px (for top & bottom) 10px (for left &*** ***right ) ||***

***5px(top) 10px(right) 4px(bottom) 7px(left)***

* 1. ***Border-color***
     1. ***border-color: green (should be choose style before)***
  2. ***Border-radius***
     1. ***Border-radius:***
  3. ***Border***
     1. ***border: width style color***
  4. ***Outline***
     1. ***outline: width style color***
     2. ***Outline-offset: 5px (spacing between outline & div)***
* ***Basic box***
  1. ***Content***
  2. ***Padding***
  3. ***Border***
  4. ***margin***
* ***Text***
  1. ***color***
     1. ***Color: red || #ff0000(hex) || rgb(255, 0, 0);***
  2. ***Text-align***
     1. ***Text-align: center || left || right*** 
        + 1. ***End || start***
          2. ***Justify (space between words) || inherit***
  3. ***Text-align-last (for last line)***
     1. ***Text-align-last: center || left || right*** 
        + 1. ***End || start***
          2. ***Justify (space between words)***
  4. ***Direction***
     1. ***Direction: rtl || ltr***
  5. ***Unicode-bidi (should be come with direction) (بتشقلب الكلام )***
     1. ***Unicode-bidi: bidi-override || isolate-override || plaintext***
  6. ***Vertical-align***
     1. ***Vertical-align: baseline (default) ||***

***text-top || text-bottom ||***

***super (to up) || sub (to down)***

* 1. ***Text-decoration***
     1. ***Text-decoration-line: overline || line-through || underline ||***  ***overline underline***
     2. ***Text-decoration-color: (color of line (Text-decoration-line))***
     3. ***Text-decoration-style: (style of line (Text-decoration-line)***

***solid || double || dotted || dashed || wavy***

* + 1. ***Text-decoration-thickness: 5px || 25% || auto (default)***
    2. ***Text-decoration (shorthand): line color style thickness ||***  ***none***
  1. ***Text-transform***
     1. ***Text-transform: uppercase || lowercase || capitalize***
  2. ***Text-spacing***
     1. ***Text-indent (the start distance of paragraph)***
        + ***Text-indent: 50px;***
     2. ***Letter-spacing (space between letters)***
        + ***Letter-spacing: 5px || -2px;***
     3. ***Line-height (space between lines)***
        + ***Line-height: 0.8 || 1.8***
     4. ***word-spacing (space between words)***
        + ***Word-spacing: 10px || -2px***
     5. ***white-space***
        + ***White-space: nowrap (الكلام كله على سطر واحد)||***

***break-spaces || pre || pre-line || pre-wrap***

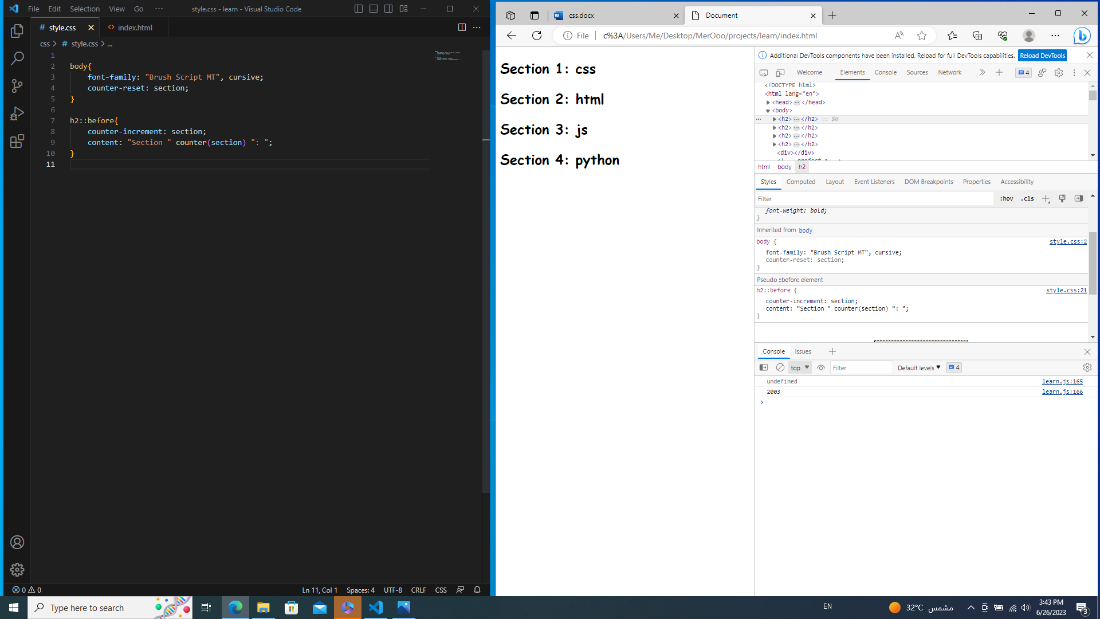
* 1. ***Text-shadow***
     1. ***Text-shadow: 5px 10px 3px #ababab||***

***0 0 3px #ff0000, 0 0 5px #0000ff***

* + - * ***Horizontal vertical blur (from 0 to 25) color***
  1. ***Text-overflow (white-space: nowrap, overflow: hidden)***
     1. ***Text-overflow: ellipsis (...) || clip (default)***
  2. ***Overflow-wrap ??***
     1. ***Overflow-wrap: normal || break-word || anywhere***
  3. ***Writing-mode (direction of writing)***
     1. ***Writing-mode: vertical-lr || vertical-rl***
  4. ***Text-orientation (should be choose (writing-mode))***
     1. ***Text-orientation: mixed (default) ||***

***upright (space between letters)***

* 1. ***Word-break ??***
     1. ***Word-break: normal || keep-all || break-all || break-word***
* ***Fonts (default -> browser, generic family-> browser, font-family-*** ***> user Computer, web fonts, server)***
  1. ***Generic family -> browser***
     1. ***serif, sans-serif, monospace, cursive, fantasy***
  2. ***@font-face{}*** 
     1. ***Font-family: , src: url(“”)***
  3. ***Font-family (if font name is more than one word, it must be***  ***in quotation marks)***
     1. ***Font-family: Garamond, cursive, Georgia;***
  4. ***Font-style***
     1. ***Font-style: normal (default), italic, oblique;***
  5. ***Font-weight***
     1. ***Font-weight: normal, lighter, bold, 900***
  6. ***Font-variant***
     1. ***Font-variant: normal, small-caps, all-petite-caps***
  7. ***Font-size***
     1. ***Font-size: 40px || 2.5rem || 2.5em || 100% || 10vw;***
  8. ***Fonts from google fonts***
     1. ***Font-family: sofia, trirong, audiowide***
  9. ***Font (shorthand)***
     1. ***Font: style variant size (12px (horizontal)/30px (vertical) )***  ***family***
  10. ***Font-stretch ??***
  11. ***Font-display ??***
  12. ***Font-synthesis ??***
* ***Table***
  1. ***Border-collapse: collapse***
  2. ***Border: 1px solid***
  3. ***Width: 100%***
  4. ***Height: 70px***
  5. ***Text-align: center***
  6. ***Vertical-align: bottom***
  7. ***Padding: 15px***
  8. ***Background-color: coral***
  9. ***Color: white***
* ***Counters***



* ***Lists***

1. ***List-style-type: circle || square || upper-roman (I.) ||***  ***l*** ***ower-alpha (a.) || none***
2. ***List-style-image: url(‘’)***
3. ***List-style-position: outside || inside***
4. ***List-style: type position image***

* ***User Interface***

1. ***Resize***
2. ***(should be choose overflow: auto || scroll to find scroll)***
3. ***(بيبقى فى علامه جنب الاسكرول بيكبر منها الديف)***
4. ***resize: vertical || horizontal || both || none***

* ***Variables***

1. ***Var()***
2. ***:root { --blue: #1e90ff } (in starting CSS file)***
   1. ***{ --name: value }***
   2. ***Background-color: Var (--blue) (to call var)***

* ***Position & layout***
  1. ***Position: static***
  2. ***Position: relative***
  3. ***Position: fixed***
  4. ***Position: absolute***
  5. ***Position: sticky***
  6. ***Position: inherit***
  7. ***z-index***
* ***Flex (display: flex)***
  1. ***Child***

1. ***Order:***
2. ***Flex-grow:***
3. ***Flex-shrink:***
4. ***Flex-basis:***
5. ***Flex: grow shrink basis***
6. ***Align-self: center || flex-start || flex-end***
   1. ***Parent***
7. ***Flex-direction: column|| column-reverse||***  ***row|| row-reverse***
8. ***Flex-wrap: wrap || nowrap || wrap-reverse***
9. ***Flex-flow: direction wrap***
10. ***Justify-content (inverse direction): center || flex-start ||***  ***flex-end || space-around ||***  ***space-between***
11. ***Align-items (same direction): center || flex-start ||***  ***flex-end || space-around ||***  ***space-between || stretch ||***  ***baseline (it makes the text on the same line even if***  ***different fonts)***
12. ***Align-content (same direction): center || flex-start ||***  ***flex-end || space-around ||***  ***space-between || stretch***

* ***Grid (display: grid)***

1. ***Parent***
   1. ***Grid-template-columns: auto auto auto***  ***(3 columns)***
   2. ***Grid-template-rows: 80px 100px (two rows)***
   3. ***column-gap:***
   4. ***Row-gap:***
   5. ***Gap: row column;***
   6. ***Justify-content: center || start || end ||***  ***space-around || space-between ||***  ***space-evenly***
   7. ***Align-content (same direction): center || start ||***  ***end || space-around ||***  ***space-between || stretch || evenly***
2. ***Child*** 
   1. ***Grid-column-start: grid-row-start:***
   2. ***Grid-column-end:***  ***grid-row-end:***
   3. ***Grid-column: 1/ 5***  ***grid-row: 1/4***
      * + 1. ***1/ span 3***
   4. ***Grid-area: grid-row-start /grid-column-start/***  ***grid-row-end /grid-column-end***
   5. ***Dfd***

***Note***

***.child {grid-area: myArea; }***

***.parent {grid-template-areas: ‘myArea myArea … ‘***  ***‘myArea myArea ...’}***

***(5 column & 2 rows) (myArea -> 2 rows & 2 columns)***

* ***Filters (for image)***
  1. ***Filter: url(******) ??***
  2. ***Filter: grayscale (100******%) => (black & white)***
  3. ***Filter: blur (30px) => (النغمشه)***
  4. ***Filter: brightness (200% || 1.5) (بتفتح الصوره كلها)***
  5. ***Filter: contrast (200% || 1.5) (بتقرب كل لون للابيض)***
  6. ***Filter: drop-shadow (2px 4px 5px black)***
  7. ***Filter: hue-rotate (90deg)***
  8. ***Filter: invert (100%) (بتعكس كل لون يعنى لو ابيض تخليه اسود)***
  9. ***Filter: opacity (30% || 0.4)***
  10. ***Filter: saturate (800% || 2) (بتوضح كل لون)***
  11. ***Filter: sepia (800%) (بتقرب اللون للاصفر)***
* ***Transition (hover)***
  1. ***Transition: width 2s, height 3s, transform 2s***
  2. ***Transition-timing-function: linear || ease || ease-in ||***  ***ease-out || ease-in-out***
  3. ***Transition-delay: 2s***
  4. ***Transition-property: width***
  5. ***Transition-duration: 2s***
* ***Animation***
  1. ***Animation-name: example***
  2. ***Animation-duration: 4s***
  3. ***Animation-timing-function: linear || ease || ease-in ||***  ***ease-out || ease-in-out ||***  ***cubic-bezier(n,n,n,n)***
  4. ***Animation-delay: 3s || -2s***
  5. ***Animation-iteration-count: 3 || infinite***
  6. ***Animation-direction: reverse (starting from 100% instead of 0%) ||***  ***normal || alternative (starting from 0% to 100% then inverse) ||***  ***alternative-reverse (starting from 100% to 0% then inverse)***
  7. ***Animation: name duration timing-function delay***  ***iteration-count direction***
  8. ***Animation-fill-mode: forwards (هيعمل الانيميشن ومش هيرجع تانى)||***  ***backwards (هيعمل الانيميشن و هيرجع تانى) ||***  ***none || both***
  9. ***Animation-play-state: paused (hover)|| running ||***  ***initial || inherit***
  10. ***@keyframes example {from {} to {} }***
* ***Transform***
  1. ***transform: rotate(20deg)***
  2. ***transform: skew(20deg , 50deg)***  ***skewX(20deg) skewY(50deg)***
  3. ***transform: scale(1.5, 3)*** ***scaleX(1.5) scaleY(3)***
  4. ***Transform: translate(50%, 30px)***
  5. ***Transform-origin: 20% 60%***