WEB DESIGN

AHMAD FAUZAN x FARUQ AZIZ SAPUTRA

Kurikulum

- Pengantar Web Design

- Definisi Umum HTML

- HTML Dasar

- HTML Form

- HTML Embedded Grafis

- Landing Page

- Definisi CSS

- **CSS Formatting Text**

- CSS Positioning

- CSS Layout Flexbox

- CSS Layout Grid

- CSS Animation

- Responsive Web Design (RWD)

- Desain RWD Eksternal

Reward

```javascript
export const Reward = (point) => {
    const hadiah = []
    if (point >= 750) {
        hadiah[0] = "Penambahan Nilai"
        hadiah[1] = "Mendapatkan Hadiah"
        console.log(hadiah);
    }

    else if (point >= 500) {
        hadiah[0] = "Penambahan Nilai"
        console.log(hadiah);
    }

    else {
        console.log("Tetap Semangat");
    }
}
```

- Tiap pertemuan akan ada penilaian berupa kuis
- Bagi mahasantri yang aktif akan mendapatkan point
- Jika point telah mencapai 500, maka mahasantri berhak menerima penambahan nilai
- Jika point telah mencapai 750 maka mahasantri berhak mendapatkan hadiah

بسم الله الرحمن الرحيم

"Menjadi baik itu mudah dengan hanya diam, maka yang tampak adalah kebaikan. Yang sulit adalah menjadi bermanfaat karena itu butuh perjuangan."

- KH. Sahal Mahfudh -

CSS Formatting Text

Link Belajar:

https://www.petanikode.com/html-text-formatting/

https://www.petanikode.com/css-text/

CSS Format Text

- Typefaces Font

- Size

- Weight

- Style

- Variant

font-family
font-size
font-weight
font-style
font-variant
font

Typefaces Font : font-family

font-family

Values: *one or more font or generic font family names, separated by commas*

Default: depends on the browser

Applies to: all elements

Inherits: yes

Use the **font-family** property to specify a font or list of fonts (known as a font stack) by name, as shown in these examples:

```
body { font-family: Arial; }
var { font-family: Courier, monospace; }
p { font-family: "Duru Sans", Verdana, sans-serif; }
```

Typefaces Font : font-family

- Menentukan jenis huruf atau font yang digunakan
- Property: font-family
- Font-family: Verdana, Arial, Helvetica □ font yang digunakan sesuai urutan support dari browser / komputer

```
CSS
body { font-family: Times, "Times New Roman", Georgia, serif; }
h3 { font-family: Verdana, Arial, Helvetica, sans-serif; }
p.author { font-family: "Courier New", Courier, monospace; }

HTML
<h3>Origin of All</h3>
<p class="author">by Wu Knows</p>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
   Etiam id gravida...</p>
```

Generic – Font Families

1. Serif : *Times, Times New Roman, Georgia*

2. Sans-serif: *Arial, Arial Black, Verdana, Trebuchet MS, Helvetica, Geneva*

3. Monospace: *Courier, Courier New, Andale Mono*

4. Cursive: *Apple Chancery, Zapf-Chancery, Comic Sans*

5. Fantasy: *Impact, Western, or other decorative font*

Contoh : CSS - font-family

HTML:

```html
<body>
    <h2>Contoh CSS - Font Family</h2><br>

    <P>Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timur</P>
</body>
```

CSS:

```css
p {
    font-family: 'Courier New', Courier, monospace;
    }

h1, h2, h3{
    font-family:Arial, Helvetica, sans-serif;
    }
```

Font - Size

font-size

Values: *length unit* | *percentage* | xx-small | x-small | small | medium | large | x-large | xx-large | smaller | larger

Default: medium

Applies to: all elements

Inherits: yes

Contoh:

```
h1 { font-size: 1.5em; }

h1 { font-size: 150%; }

h1 { font-size: x-large; }

strong { font-size: larger; }
```

Unit Pengukuran

Relative units

em	ex	rem	ch
vw	vh	vmin	vmax

Absolute units

px	in	mm	cm
q	pt	pc	

Relative Keyword: larger - smaller

Absolute Keyword: xx-small, x-small, small, medium, large, x-large, xx-large

untuk memahami perbedaan (px em dan rem) silahkan baca https://rifatnajmi.com/design/px-em-rem/

Contoh Implementasi Font-Size : em

HTML:

```html
<body>
    <h1>Contoh CSS - Font Siz </h2><br>
    <P>Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timu </P>
    <article>
        <h1>Pesantren IT        </h1>
        <p> Gratis
Keberadaan pesantren petik II Jombang, diharapkan menjadi solusi bagi masyarakat yang terb
atas dalam ekonomi, untuk dapat melanjutkan pendidikan yang lebih tinggi. Sehingga dapat m
eningkatkan kualitas hidupnya dari mustahiq menjadi muzakki.
        </p>
    </article>
</body>
```

CSS:

```css
p {
    font-family: 'Courier New', Courier, monospace;
    }

h1{
    font-size: 2.5rem;
    font-family:Arial, Helvetica, sans-     ;
    }                          serif
```

Contoh CSS - Font Size

Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timur

Pesantren IT Gratis

Keberadaan pesantren petik II Jombang, diharapkan menjadi solusi bagi masyarakat yang terbatas dalam ekonomi, untuk dapat melanjutkan pendidikan yang lebih tinggi. Sehingga dapat meningkatkan kualitas hidupnya dari mustahiq menjadi muzakki.

Font - Weight

font-weight

Values:
normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900

Default: normal

Applies to: all elements

Inherits: yes

Contoh:

This is an example of the default text in Verdana.

normal | **bold** | **bolder** | lighter

100 | 200 | 300 | 400 | 500

600 | 700 | 800 | 900

This is an example of the default text in Times.

normal | **bold** | **bolder** | lighter

100 | 200 | 300 | 400 | 500

600 | 700 | 800 | 900

Contoh : Font - Weight

```css
p {
    font-family: 'Courier New', Courier, monospace;
    }

h1{
    font-size: 2.5rem;
    font-family:Arial, Helvetica, sans-serif;
    }
```

Contoh CSS - Font Size

Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timur

Pesantren IT Gratis

Keberadaan pesantren petik II Jombang, diharapkan menjadi solusi bagi masyarakat yang terbatas dalam ekonomi, untuk dapat melanjutkan pendidikan yang lebih tinggi. Sehingga dapat meningkatkan kualitas hidupnya dari mustahiq menjadi muzakki.

Font - Style

font-style

Values:	normal | italic | oblique
Default:	normal
Applies to:	all elements
Inherits:	yes

font-variant

Values:	normal | small-caps
Default:	normal
Applies to:	all elements
Inherits:	yes

font-stretch

Values:	normal | ultra-condensed | extra-condensed | condensed | semi-condensed | semi-expanded | expanded | extra-expanded | ultra-expanded
Default:	normal
Applies to:	all elements
Inherits:	yes

Line - Height

Line Height

line-height

Values:	*number* | *length measurement* | *percentage* | normal
Default:	normal
Applies to:	all elements
Inherits:	yes

```
p { line-height: 2; }

p { line-height: 2em; }

p { line-height: 200%; }
```

Fungsi Line-Height : Mengatur jarak minimum antar text

Line - Height

HTML:

```html
<body>
    <h1>Contoh CSS - Font Size</h2><br>
    <P class="font-jarak">
Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timur</P>
    <h2>Contoh CSS - Font Size</h2>
    <P class="font-italic">
Welcome To digital marketing class, disini kalian akan diajari Metode berbisnis secara digital.</P>
</body>
```

CSS:

```css
p {
    font-style: oblique;
    font-family: 'Courier New', Courier, monospace;
    }
.font-jarak{
        line-height: 3em;
    }
.font-italic {
    font-style: italic;
    font-family:'Times New Roman', Times, serif
    }
h1{
    font-size: 2.5rem;
    font-family:Arial, Helvetica, sans-serif;
    }
```

Text - Indent

text-indent

|	
Values:	*length measurement | percentage*
Default:	0
Applies to:	block containers
Inherits:	yes

```
p#1 { text-indent: 2em; }
p#2 { text-indent: 25%; }
p#3 { text-indent: -35px; }
```
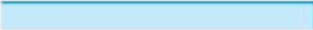
2em — Paragraph 1. The text-inde of text by a specified amount. Y measurement or a percentage v.

25% — Paragraph 2. T the first line of text by a specifi measurement or a percentage v.

-35px — Paragraph 3. The text-indent propert a specified amount. You can sp percentage value.

Text - Indent : Mengatur jarak inden awal text

Text - Align

text-align

Values:	left | right | center | justify | start | end
Default:	start
Applies to:	block containers
Inherits:	yes

text-align: left   Aligns text on the left margin

text-align: right   Aligns text on the right margin

text-align: center   Centers the text in the text block

text-align: justify   Aligns text on both right and left margins

Text - Align : Mengatur posisi text

Text - Decoration

text-decoration

Values:	none | underline | overline | line-through | blink
Default:	none
Applies to:	all elements
Inherits:	no, but since lines are drawn across child elements, they may look like they are "decorated" too

underline	Underlines the element
overline	Draws a line over the text
line-through	Draws a line through the text

Text - Decoration : Mengatur dekorasi Text

Text - Shadow

text-shadow

Values:	'horizontal offset' 'vertical offset' 'blur radius' 'color' | none
Default:	none
Applies to:	all elements
Inherits:	yes

The Jenville Show

text-shadow: .2em .2em silver;

The Jenville Show

text-shadow: -.3em -.3em silver;

Text - Transform : Mengatur bayangan dari text

Contoh : Text

```html
<body>
    <h1>Contoh CSS - Font Align Indent</h2>
    <P class="font-indent">
Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timur. Lorem ipsum dolor sit amet consectetur adipisicing el
it. Libero perspiciatis ullam aut adipisci autem. Nihil voluptatibus quos harum eum? Est, autem assumenda. Sequi amet odio in et quib
usdam saepe animi!
</P>

    <h2>Contoh CSS - Text Decoration</h2>
    <P class="font-line">
Welcome To digital marketing class, disini kalian akan diajari Metode berbisnis secara digital. Lorem ipsum dolor sit amet consectetu
r adipisicing elit. Culpa repudiandae quod sequi ullam quae, ad placeat blanditiis, quos et dignissimos debitis maxime harum adipisc
i, ipsam architecto. Dicta neque reprehenderit voluptatibus.
</P>

    <h2>Contoh CSS - Text Shadow</h2>
    <P class="font-shadow">Pesantren PeTIK II Jombang berada di Desa Plosogeneng, Kab.Jombang, Jawa Timur.</P>
</body>
```

Contoh : Text

```css
p {
    font-family: Arial, Helvetica, sans-serif;
    }
.font-indent{
    text-indent: 3em;
    text-align: justify;
    }
.font-line {
    text-decoration: underline;
    font-family:'Times New Roman', Times, serif
    }
.font-shadow {
    color: green;
    font-stretch: extra-expanded;
    text-shadow: .2em .2em silver;
    }
h1{
    font-size: 2.5rem;
    font-family:Arial, Helvetica, sans-serif;
    }
```

Bullet & Numbering

CSS List – Bullet & Numbering

list-style-type

Values: none | disc | circle | square | decimal | decimal-leading-zero | lower-alpha | upper-alpha | lower-latin | upper-latin | lower-roman | upper-roman | lower-greek

Default: disc

Applies to: ul, ol, and li (or elements whose display value is list-item)

Inherits: yes

disc
- radish
- avocado
- pomegranite
- cucumber
- persimmon

circle
○ radish
○ avocado
○ pomegranite
○ cucumber
○ persimmon

square
▪ radish
▪ avocado
▪ pomegranite
▪ cucumber
▪ persimmon

List Number / Huruf

Keyword	System
decimal	1, 2, 3, 4, 5...
decimal-leading-zero	01, 02, 03, 04, 05...
lower-alpha	a, b, c, d, e...
upper-alpha	A, B, C, D, E...
lower-latin	a, b, c, d, e... (same as lower-alpha)
upper-latin	A, B, C, D, E... (same as upper-alpha)
lower-roman	i, ii, iii, iv, v...
upper-roman	I, II, III, IV, V...
lower-greek	α, β, γ, δ, ε...

```css
.list{
    list-style: lower-alpha;
}
```

a. satu
b. dua
c. Tiga

CSS List – Bullet Image

list-style-image

Values:	url(*location*) | none
Default:	none
Applies to:	ul, ol, and li (or elements whose display value is list-item)
Inherits:	yes

```css
ul {
  list-style-type: disc;
  list-style-image: url(/images/rainbow.gif);
  list-style-position: outside;
}
```

🌈 Puppy dogs
🌈 Sugar frogs
🌈 Kitten's baby teeth

CSS List – Bullet Image

list-style-image

Values:	url(*location*) | none
Default:	none
Applies to:	ul, ol, and li (or elements whose display value is list-item)
Inherits:	yes

```css
ul {
  list-style-type: disc;
  list-style-image: url(/images/rainbow.gif);
  list-style-position: outside;
}
```

🌈 Puppy dogs
🌈 Sugar frogs
🌈 Kitten's baby teeth

Color & Background

Link Belajar:

https://www.petanikode.com/css-background/

https://www.petanikode.com/css-color/

CSS Color

color

Values:	color value (name or numeric)
Default:	depends on the browser and user's preferences
Applies to:	all elements
Inherits:	yes

black	white	purple
lime	navy	aqua
silver	maroon	fuchsia
olive	blue	orange
gray	red	green
yellow	teal	

black #000000	gray #808080	silver #C0C0C0	white #FFFFFF
maroon #800000	red #FF0000	purple #800080	fuchsia #FF00FF
green #008000	lime #00FF00	olive #808000	yellow #FFFF00
navy #000080	blue #0000FF	teal #008080	aqua #00FFFF
orange (CSS 2.1)			

CSS Color

color

Values: *color value (name or numeric)*

Default: depends on the browser and user's preferences

Applies to: all elements

Inherits: yes

```
h1 { color: gray; }
h1 { color: #666666; }
h1 { color: #666; }
h1 { color: rgb(102,102,102); }
```

Element selector   `p { color: navy; }`

Grouped selectors   `p, ul, td, th { color: navy; }`

CSS Text – Background Color

background-color

Values: color value (name or numeric) | transparent

Default: transparent

Applies to: all elements

Inherits: no

CSS memberi warna latar belakang

Contoh:

```
blockquote {
    border: 4px dashed;
    color: green;
    background-color: #c6de89;
}
```

In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads. In mild winters a covering of half that depth will be sufficient; but as we have no prophets to foretell our mild winters, a foot of earth is safer than six inches.

CSS Text – Background Clip

background-clip

Values:	border-box | padding-box | content-box
Default:	border-box
Applies to:	all elements
Inherits:	no

CSS memberi batas dari latar belakang

Contoh:

In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads.

`background-clip: border-box;`

In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads.

`background-clip: padding-box;`

In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads.

`background-clip: content-box;`

CSS Text – Background Clip

background

Values: background-color background-image background-repeat
background-attachment background-position background-clip
background-origin background-size

Default: see individual properties

Applies to: all elements

Inherits: no

Contoh:

```
body { background: white url(star.png) no-repeat right top fixed; }
```

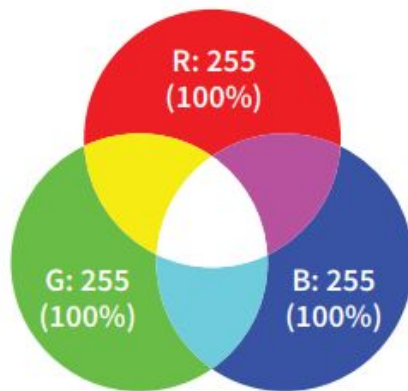**CSS** memberi background halaman : warna/image

CSS Text – Background Clip

```css
body {
    background:
        url(image1.png) left top no-repeat,
        url(image2.png) center center no-repeat,
        url(image3.png) right bottom no-repeat;
}
```

CSS RGB Color

Gunakan fungsi RGB untuk nilai warna dengan tiga nilai argumen
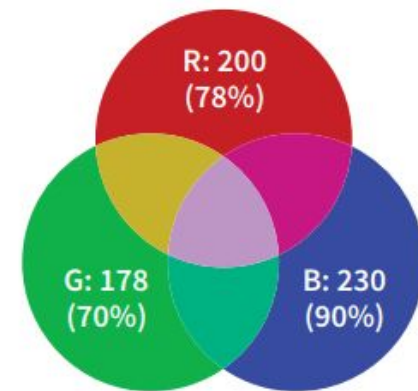(nilai range 0 – 255 atau % 0 – 100)

RGB: 255, 255, 255
white
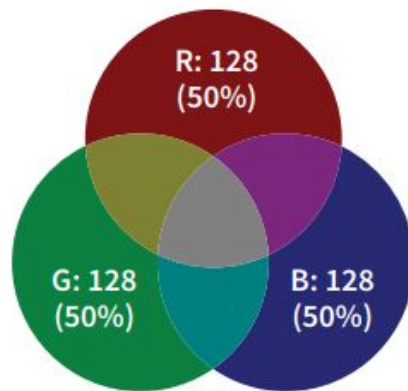
RGB: 128, 128, 128
gray
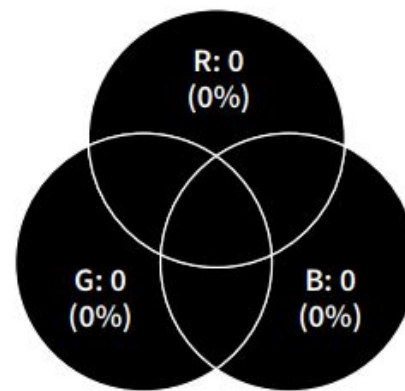
RGB: 0, 0, 0
black

RGB: 200, 178, 230
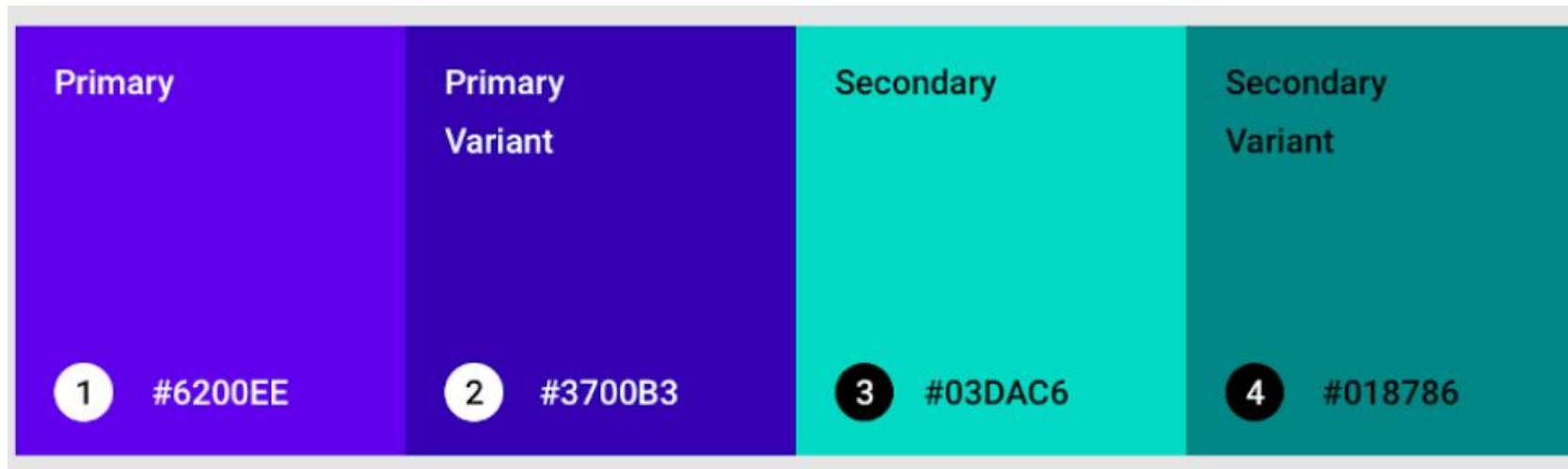pleasant lavender

```
color: rgb(200, 178, 230);

color: rgb(78%, 70%, 90%);
```

Untuk membuat RGB & Hex : https://cssgradient.io/

CSS Color : Primary - Secondary

Gradasi Warna : Color Material Design

1. Primary Color
2. Secondary Color
3. Light and dark variants

Primary	Primary Variant	Secondary	Secondary Variant
1 #6200EE	2 #3700B3	3 #03DAC6	4 #018786

CSS Color : Primary - Secondary

Gradasi Warna : Color Material Design

1. Primary Color
2. Secondary Color
3. Light and dark variants

Red		Pink		Purple	
Red 50	#FFEBEE	Pink 50	#FCE4EC	Purple 50	#F3E5F5
100	#FFCDD2	100	#F8BBD0	100	#E1BEE7
200	#EF9A9A	200	#F48FB1	200	#CE93D8
300	#E57373	300	#F06292	300	#BA68C8
400	#EF5350	400	#EC407A	400	#AB47BC
500	#F44336	500	#E91E63	500	#9C27B0
600	#E53935	600	#D81B60	600	#8E24AA
700	#D32F2F	700	#C2185B	700	#7B1FA2
800	#C62828	800	#AD1457	800	#6A1B9A
900	#B71C1C	900	#880E4F	900	#4A148C
A100	#FF8A80	A100	#FF80AB	A100	#EA80FC
A200	#FF5252	A200	#FF4081	A200	#E040FB
A400	#FF1744	A400	#F50057	A400	#D500F9
A700	#D50000	A700	#C51162	A700	#AA00FF

Tugas Web Dev

Buatlah website tempat wisata di daerah asal kamu

اَلْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ

"Menjadi baik itu mudah dengan hanya diam, maka yang tampak adalah kebaikan. Yang sulit adalh menjadi bermanfaat karena itu butuh perjuangan."

- KH. Sahal Mahfudh -