



STT-NF

# Pemrograman Web

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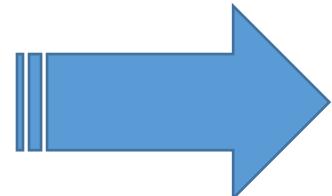


[dev.xbata.com](http://dev.xbata.com)

 @rojulman

# 6. CSS Formating Text Color & Background

- Typefaces Font
- Size
- Weight
- Style
- Variant



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

## 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*

<b>serif</b>		Hello Times	Hello Georgia			
		Hello Times New Roman	Hello Lucida			
<b>sans-serif</b>		Hello Verdana	Hello Trebuchet MS			
		Hello Arial	<b>Hello</b> Arial Black			
<b>monospace</b>	   	Hello Courier	Hello Andale Mono			
	Monospace font (equal widths)      Proportional font (different widths)	Hello Courier New				
<b>cursive</b>		Hello Apple Chancery		Hello Comic Sans		Hello Snell
<b>fantasy</b>		Hello Impact	<b>HELLO</b> Stencil		Hello Mojo	

## 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; }`

## Relative units

**em**      **ex**      **rem**      **ch**  
**vw**      **vh**      **vmin**      **vmax**

Relative Keyword: larger - smaller

## Absolute units

**px**      **in**      **mm**      **cm**  
**q**      **pt**      **pc**

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

# Contoh Implementasi Font-Size : em

---

## THE MARKUP

```
<h1>Headline in Body</h1>
<p>Pellentesque ligula leo,...</p>
<article>
  <h1>Headline in Article</h1>
  <p>Vivamus ...</p>
</article>
```

## THE STYLES

```
h1 {
  font-size: 1.5em; /* sets all h1s to 1.5em */
}
article {
  font-size: .875em /* 14 pixels based on 16px default */
}
```

### **Headline in Body**

Pellentesque ligula leo, dictum sit amet gravida ac, tempus at risus. Phasellus pretium mauris mi, in tristique lorem egestas sit amet. Nam nulla dui, porta in lobortis eu, dictum sed sapien. Pellentesque sollicitudin faucibus laoreet. Aliquam nec neque ultrices, faucibus leo a, vulputate mauris. Integer rhoncus sapien est, vel eleifend nulla consectetur a. Suspendisse laoreet hendrerit eros in ultrices. Mauris varius lorem ac nisl bibendum, non consectetur nibh feugiat. Vestibulum eu eros in lacus mollis sollicitudin.

### **Headline in Article**

Vivamus a nunc mi. Vestibulum ullamcorper velit ligula, eget iaculis augue ultricies vitae. Fusce eu erat neque. Nam auctor nisl ut ultricies dignissim. Quisque vel tortor mi. Mauris sed aliquet orci. Nam at lorem efficitur mauris suscipit tincidunt a et neque.

# 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**

# 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

**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%; }
```

### text-indent

**Values:** *length measurement | percentage*

2em

**Default:** 0

**Applies to:** block containers

**Inherits:** yes

25%

```
p#1 { text-indent: 2em; }
```

```
p#2 { text-indent: 25%; }
```

```
p#3 { text-indent: -35px; }
```

-35px

 Paragraph 1. The text-indent property indent the first line of text by a specified amount. You can specify a length measurement or a percentage value.

 Paragraph 2. The text-indent property indent the first line of text by a specified amount. You can specify a length measurement or a percentage value.

 Paragraph 3. The text-indent property indent the first line of text by a specified amount. You can specify a length measurement or a percentage value.



# Text - Align

Mengatur horizontal text

---

## 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-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-transform

**Values:** none | capitalize | lowercase | uppercase | full-width

**Default:** none

**Applies to:** all elements

**Inherits:** yes

`text-transform: none;`  
*(as it was typed in the source)*

And I know what you're thinking.

`text-transform: capitalize;`

And I Know What You're Thinking.

`text-transform: lowercase;`

and i know what you're thinking.

`text-transform: uppercase;`

AND I KNOW WHAT YOU'RE THINKING.

# Text - Shadow

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Mengatur bayangan dari text

## 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;`

# 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

- radish
- avocado
- pomegranite
- cucumber
- persimmon

- radish
- avocado
- pomegranite
- cucumber
- persimmon

- 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...

```
ul {  
    list-style-type: decimal;  
}  
  
1. Biru  
2. Merah  
3. Hijau
```

## 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

```
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: silver;  
background-color: gray;  
border-bottom-color: teal;
```

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



## color

**Values:** *color value (name or numeric)*

**Default:** depends on the browser and user's preferences

**Applies to:** all elements

**Inherits:** yes

Contoh:

```
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

Contoh:

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

CSS memberi warna latar belakang

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 Color

## background-clip

**Values:** border-box | padding-box | content-box

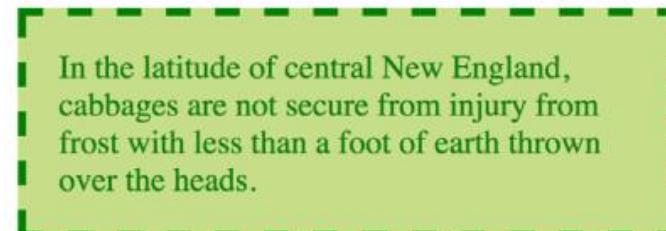
**Default:** border-box

**Applies to:** all elements

**Inherits:** no

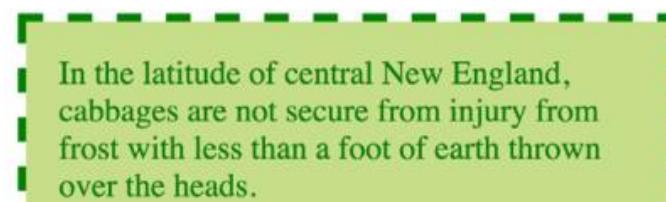
CSS memberi batas dari latar belakang

Contoh:



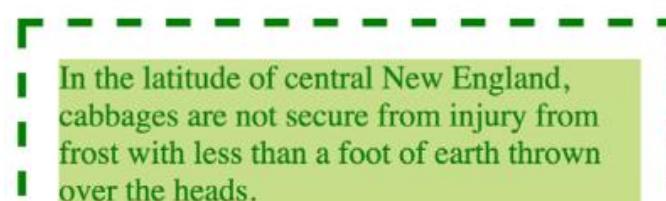
In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads.

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 Background Page

---

CSS memberi background halaman: warna/image

## 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; }
```

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

# CSS - Background Page

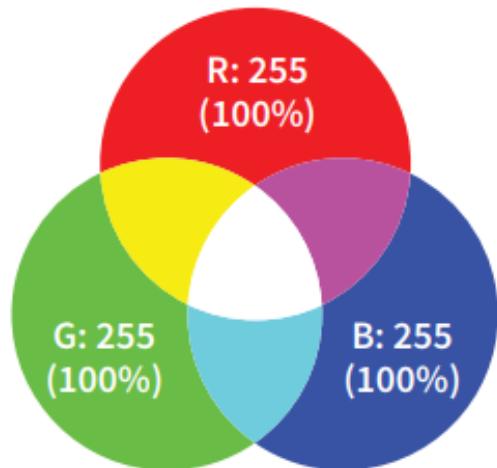
```
body {  
background:  
url(image1.png) left top no-repeat,  
url(image2.png) center center no-repeat,  
url(image3.png) right bottom no-repeat;  
}
```

CSS memberi background halaman: warna/image

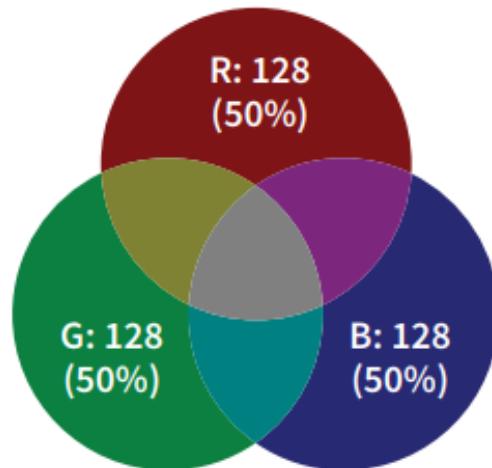


# CSS RGB Color

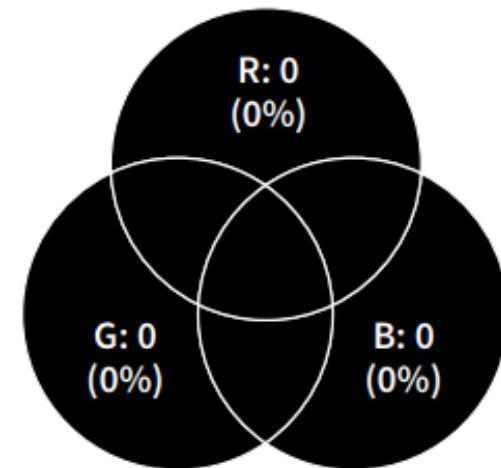
Gunakan fungsi RGB untuk nilai warna dengan tiga nilai argumen  
(nilai range 0 – 255 atau % 0 – 100 )



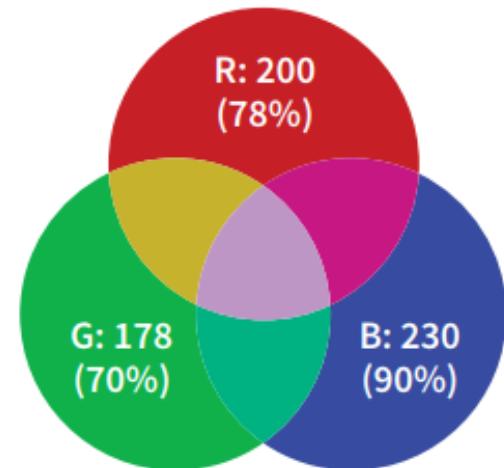
RGB: 255, 255, 255  
white



RGB: 128, 128, 128  
gray



RGB: 0, 0, 0  
black



RGB: 200, 178, 230  
pleasant lavender

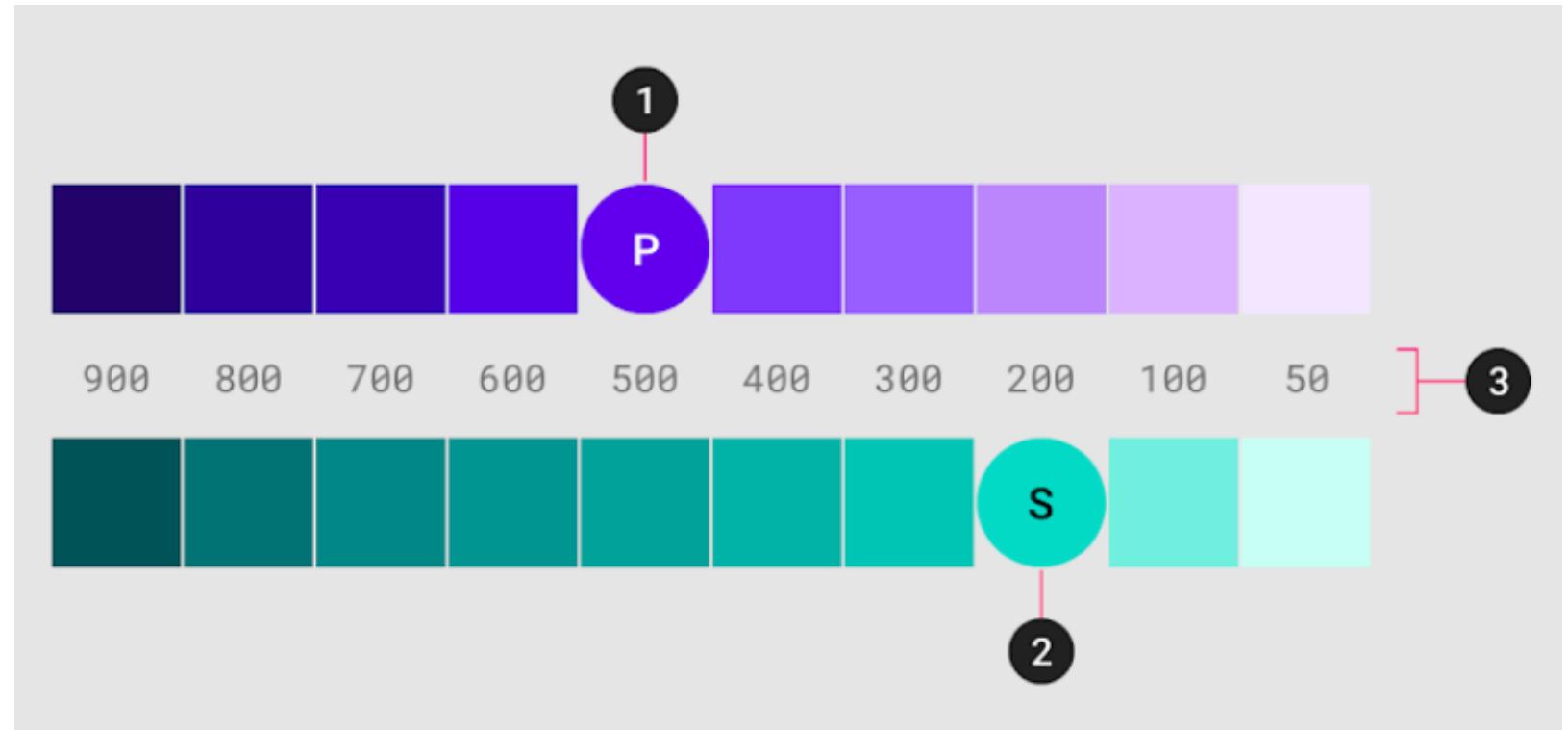
color: `rgb(200, 178, 230);`

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

# CSS Color :: Primary - Secondary

Gradiasi Warna : Color Material Design

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

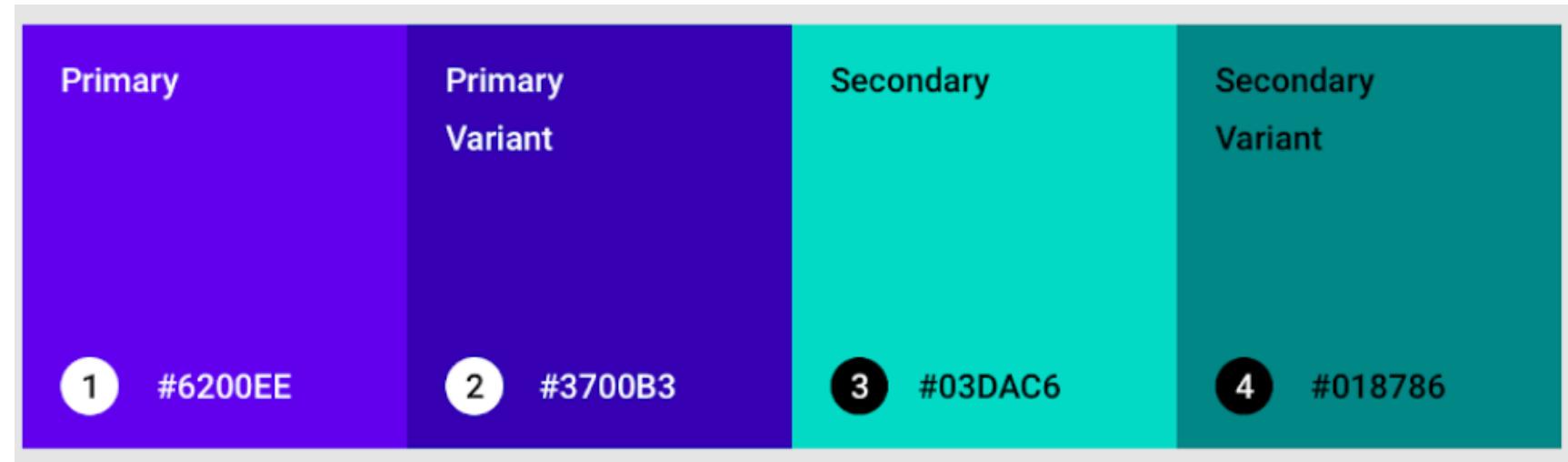


<https://material.io/design/color/the-color-system.html>

# CSS – Color Material Design

## Gradiasi Warna : Color Material Design

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



<https://material.io/design/color/the-color-system.html>

## Gradasi Warna : Color Material Design

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

Red 50	#FFEBEE	Pink 50	#FCE4EC	Purple 50	#F3E5F5
100	#FFCDD2	100	#F8BBDO	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

<https://material.io/design/color/the-color-system.html>



# Tugas Praktikum 4.1

- Desain website profil anda, dengan menggunakan Tag HTML5 Layout, konten multimedia, dan Styling menggunakan CSS
- Check Kode Program anda dengan validator HTML5  
<http://validator.w3.org>, pastikan tidak ada error !!

I4F - Directory Profile Page

**Profile Name**

245 Blackfriars Road  
Ludgate House  
London, SE1 9UY

Email: [firstname@surname.com](mailto:firstname@surname.com)  
Telephone: 0207 955 3705

Categories  
Lorem ipsum dolor sit amet  
dolor sit amet  
dolor sit amet

Placeholder text:  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi consectetur nibh feugiat urna elementum facilisis. Nullam diam arcu, lobortis ut tincidunt vel, suscipit quis lectus. Praesent interdum sapien in nisi tempor vestibulum. Mauris nec mauris sapien. Nam laoreet nisi non magna iaculis vitae convallis lorem porttitor.

Placeholder text:  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi consectetur nibh feugiat urna elementum facilisis. Nullam diam arcu, lobortis ut tincidunt vel, suscipit quis lectus. Praesent interdum sapien in nisi tempor vestibulum. Mauris nec mauris sapien. Nam laoreet nisi non magna iaculis vitae convallis lorem porttitor.

Attachments

Attachment 1: Lorem ipsum dolor sit amet.  
Attachment 2: Lorem ipsum dolor sit amet.  
Attachment 3: Lorem ipsum dolor sit amet.  
Attachment 4: Lorem ipsum dolor sit amet.

Gambar 4.1



# Praktikum 4.2

- Desain Halaman Checkout success, dengan menggunakan Tag HTML5 Layout, konten multimedia, dan Styling menggunakan CSS
- Check Kode Program anda dengan validator HTML5  
<http://validator.w3.org>, pastikan tidak ada error !!

## Checkout - Success

Site Name [Category 1](#) | [Category 2](#) | [Category 3](#)

Cart (1)

Order 131217312  
 Thank you, Kenny!

Your order is confirmed.  
We've accepted your order and we're getting it ready.

**Customer Information**

<b>Shipping Address</b> Kenny Bostick <a href="#">12 Waldo Point Road</a> <a href="#">Mishauken, NY 11200</a> <a href="#">United States</a>	<b>Billing Address</b> Kenny Bostick <a href="#">12 Waldo Point Road</a> <a href="#">Mishauken, NY 11200</a> <a href="#">United States</a>
---	--

**Shipping Method**  
UPS Ground (Estimated ship time of 3-6 days)

**Payment Method**  
 Ending in 3217 — \$23.60

**Summary (1 item)**

Subtotal	\$20.00
Shipping	\$2.20
Est. Taxes	\$1.40
Gift card or discount code <input type="text"/> <a href="#">Apply</a>	
Total	\$23.60

Site Name [Category X](#) | [Category Y](#) | [Category Z](#)

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