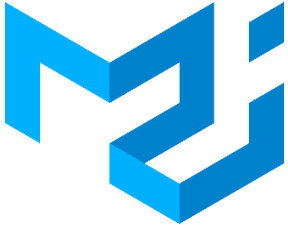


Front-End Development



Material-UI

Google's Material Design on React



Material-UI

- **Material-UI** is a set of React components that implement Google's Material Design specification.
- **Material-UI** components work in isolation. They are self-supporting, and will inject, and only inject, the styles they need to display. They don't rely on any global style-sheets such as normalize.css, although Material-UI does provide an optional CssBaseline component.
- More info: material-ui.com

Setup

- On our React project, Install:

```
$ npm install @material-ui/core
```

```
$ npm install @material-ui/icons
```

- Material-UI was designed with Google Web Fonts, so type codes below on `index.html`, inside `<head>` tag:

```
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Roboto:
300,400,500">
```

```
<link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=
Material+Icons">
```

Button #1

```
import React, { Component } from 'react';  
import Button from '@material-ui/core/Button';
```

```
class App extends Component{  
  render() {  
    return (  
      <div>  
        <Button variant="raised" color="primary">  
          Halo Dunia!  
        </Button>  
      </div>  
    )  
  }  
}
```

```
export default App;
```



Button #2

• • • • •

```
<Button size="small" color="primary">
```

A

```
</Button>
```

```
<Button size="large" color="secondary">
```

B

```
</Button>
```

```
<Button variant="raised" color="primary">
```

C

```
</Button>
```

```
<Button variant="raised" color="secondary">
```

D

```
</Button>
```

• • • • •



Icon


```
import Icon
from '@material-ui/core/Icon';


. . . . .


<Icon>thumb_up</Icon>
<Icon>backup</Icon>
<Icon color="primary">
  android
</Icon>
<Icon color="secondary">
  face
</Icon>
. . . . .
```



<https://material.io/tools/icons>





























 MATERIAL DESIGN

Design Develop **Tools** 

 Filter by name

THEMES
☒ Filled
☐ Outlined
☐ Rounded
☐ Two-Tone
☐ Sharp

CATEGORIES
All ▼

Action
 3d_rotation
 accessibility
 accessibility...
 accessible
 accessible_fo...
 account_balan...
 account_balan...
 account_box
 account_circl...
 add_shopping...
 alarm
 alarm_add
 alarm_off
 alarm_on
 all_inbox
 all_out
 android
 announcement
 arrow_right_a...
 aspect_ratio
 assessment
 assignment
 assignment_in...
 assignment_la...
 assignment_re...
 assignment_re...
 assignment_tu...
 autorenew

Icon Button

```
import Icon from '@material-ui/core/Icon';  
import IconButton  
from '@material-ui/core/IconButton';
```

• • • • •

```
<IconButton color="primary">  
  <Icondelete</Icon>  
</IconButton>
```

```
<IconButton color="secondary">  
  <Iconalarm</Icon>  
</IconButton>
```

• • • • •



Avatar

```
import Avatar from '@material-ui/core/Avatar';
```

• • • • •

```
<Avatar  
alt="Lionel Messi"  
src="https:../Messi.png"  
>
```

```
<Avatar  
alt="Lintang"  
src={require('./img/lin.png')}  
>
```

• • • • •



```
import Input from '@material-ui/core/Input';  
import InputLabel from '@material-ui/core/InputLabel';  
import FormControl from '@material-ui/core/FormControl';
```

.

```
<FormControl>  
  <InputLabel htmlFor="inputnama">Nama</InputLabel>  
  <Input id="inputnama" onChange={()=>{}} />  
</FormControl>
```



```
<FormControl>  
  <InputLabel htmlFor="inputusia">Usia</InputLabel>  
  <Input id="inputusia" onChange={()=>{}} />  
</FormControl>
```

.

Nama

Andi

Usia

Text Field

Tooltip

```
import Button from '@material-ui/core/Button';  
import Tooltip from '@material-ui/core/Tooltip';
```

• • • • •

```
<Tooltip title="Tambah">  
  <Button variant="raised" color="primary">  
    Klik!  
  </Button>  
</Tooltip>
```

• • • • •



```
import Typography from '@material-ui/core/Typography';
```

• • • • •

```
<Typography variant="display4">  
  Display 4
```

```
</Typography>
```

```
<Typography variant="display3">  
  Display 3
```

```
</Typography>
```

```
<Typography variant="display2">  
  Display 2
```

```
</Typography>
```

```
<Typography variant="display1">  
  Display 1
```

```
</Typography>
```

• • • • •

display1, display2, display3,
display4, headline, title, button,
subheading, body1, body2, caption,

Typography

Display 4

Display 3

Display 2

Display 1

Paper

```
import Paper from '@material-ui/core/Paper';  
import Typography from '@material-ui/core/Typography';
```

• • • • •

```
<Paper elevation={4}>  
  <Typography variant="headline" component="h3"  
    style={{padding: '10px'}}>  
    Ini komponen paper  
  </Typography>  
  <Typography component="p"  
    style={{padding: '10px'}}>  
    Lorem ipsum...  
  </Typography>  
</Paper>
```

• • • • •

Ini komponen paper

Lorem ipsum dolor sit amet, mea sonet oratio at. Cum an clita saperet, ei eam fabellas adolescens, mel alterum epicurei delicata no. Quo diceret ancillae sententiae te, mei tibi que adolescens definitionem ei. Ea nominavi iracundia vix, in sit alii solum nihil. Habeo velit ut vel, mea ea duis illud dicta, mundi urbanitas ea vim. Ei duis sonet delicata est, te alii probo eam, mea quaeque fabulas impedit at.

Simple Card #1

```
import Card from
 '@material-ui/core/Card';

import CardActions from
 '@material-ui/core/CardActions';

import CardContent from
 '@material-ui/core/CardContent';

import Button from
 '@material-ui/core/Button';

import Typography from
 '@material-ui/core/Typography';

. . . . .
```

Halo Dunia!

Ini contoh card.

Lorem ipsum dolor sit amet, mea sonet oratio at.

[LEARN MORE](#)

Simple Card #2

```
. . . . .  
<Card>  
  <CardContent>  
    <Typography variant="display3">  
      Halo Dunia!  
    </Typography>  
    <Typography variant="headline"  
      component="h2">  
      Ini contoh card.  
    </Typography>  
    <Typography component="p">  
      Lorem ipsum...  
    </Typography>  
  </CardContent>  
  
  <CardActions>  
    <Button size="small" color="primary">  
      Learn More  
    </Button>  
  </CardActions>  
</Card>
```

Halo Dunia!

Ini contoh card.

Lorem ipsum dolor sit amet, mea sonet oratio at.

LEARN MORE

Media Card #1

```
import Card from
 '@material-ui/core/Card';

import CardActions from
 '@material-ui/core/CardActions';

import CardContent from
 '@material-ui/core/CardContent';

import CardMedia from
 '@material-ui/core/CardMedia';

import Button from
 '@material-ui/core/Button';

import Typography from
 '@material-ui/core/Typography';

. . . . .
```



FC Barcelona

Tim terbaik sepanjang masa.

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Media Card #2

```
. . . . .  
<Card>  
  <CardMedia  
    style={{height: 0, paddingTop: '35%'}}  
    image='https:../barca.jpg'  
    title="Barcelona"/>  
  <CardContent>  
    <Typography variant="headline" component="h2">  
      FC Barcelona  
    </Typography>  
    <Typography component="p">  
      Tim terbaik sepanjang masa.  
    </Typography>  
  </CardContent>  
  <CardActions>  
    <Button size="small"  
      color="primary">  
      Learn More  
    </Button>  
  </CardActions>  
</Card>
```

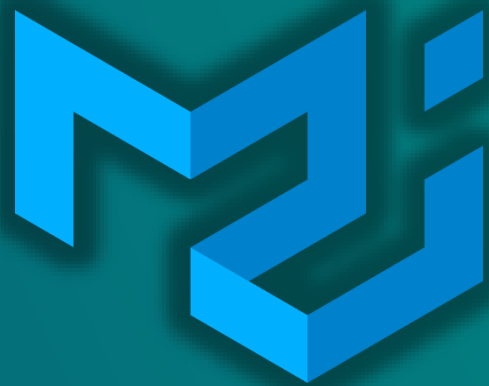


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Tim terbaik sepanjang masa.

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Front-End Development



Material-UI

Google's Material Design on React