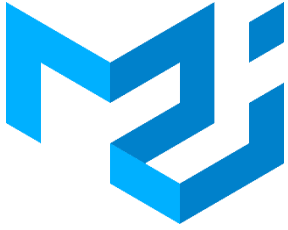


Front-End Development



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;
```



HALO DUNIA!

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

DesignDevelopTools

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

Text Field

Usia

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

```
• • • • •  
<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,

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 dui illud dicta, mundi urbanitas ea vim. Ei dui 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.

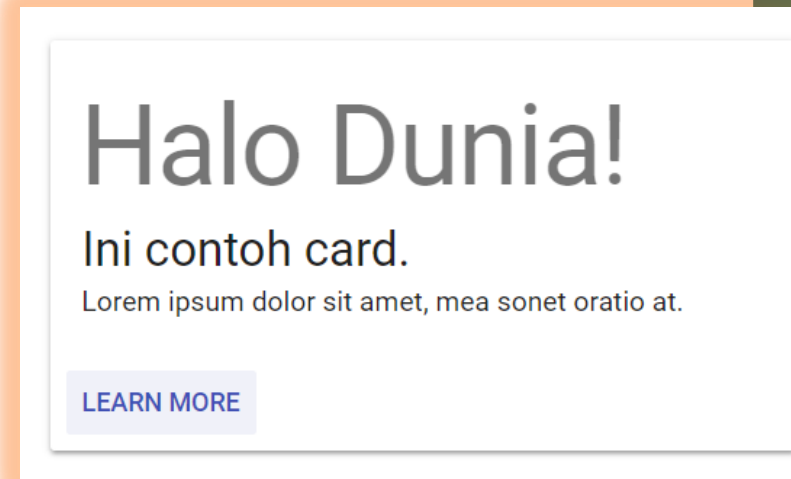
[LEARN MORE](#)

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>
```

.



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.

[LEARN MORE](#)

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>
```



FC Barcelona

Tim terbaik sepanjang masa.

[LEARN MORE](#)

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Material-UI

Google's Material Design on React