

Display

Quickly and responsively toggle the display value of components and more with the display utilities. Includes support for some of the more common values, as well as some extras for controlling display when printing.

Examples

Inline

{{"demo": "Inline.js", "defaultCodeOpen": false, "bg": true}}

```
<Box component="div" sx={{ display: 'inline' }}>inline</Box>
<Box component="div" sx={{ display: 'inline' }}>inline</Box>
```

Block

{{"demo": "Block.js", "defaultCodeOpen": false, "bg": true}}

```
<Box component="span" sx={{ display: 'block' }}>block</Box>
<Box component="span" sx={{ display: 'block' }}>block</Box>
```

Hiding elements

For faster mobile-friendly development, use responsive display classes for showing and hiding elements by device. Avoid creating entirely different versions of the same site, instead hide element responsively for each screen size.

Screen Size	Class
Hidden on all	<code>sx={{ display: 'none' }}</code>
Hidden only on xs	<code>sx={{ display: { xs: 'none', sm: 'block' } }}</code>
Hidden only on sm	<code>sx={{ display: { xs: 'block', sm: 'none', md: 'block' } }}</code>
Hidden only on md	<code>sx={{ display: { xs: 'block', md: 'none', lg: 'block' } }}</code>
Hidden only on lg	<code>sx={{ display: { xs: 'block', lg: 'none', xl: 'block' } }}</code>
Hidden only on xl	<code>sx={{ display: { xs: 'block', xl: 'none' } }}</code>
Visible only on xs	<code>sx={{ display: { xs: 'block', sm: 'none' } }}</code>
Visible only on sm	<code>sx={{ display: { xs: 'none', sm: 'block', md: 'none' } }}</code>
Visible only on md	<code>sx={{ display: { xs: 'none', md: 'block', lg: 'none' } }}</code>
Visible only on lg	<code>sx={{ display: { xs: 'none', lg: 'block', xl: 'none' } }}</code>
Visible only on xl	<code>sx={{ display: { xs: 'none', xl: 'block' } }}</code>

{{"demo": "Hiding.js", "defaultCodeOpen": false}}

```
<Box sx={{ display: { xs: 'block', md: 'none' }}}>
  hide on screens wider than md
</Box>
<Box sx={{ display: { xs: 'none', md: 'block' }}}>
  hide on screens smaller than md
</Box>
```

Display in print

```
{{"demo": "Print.js", "defaultCodeOpen": false}}
```

```
<Box sx={{ display: 'block', displayPrint: 'none' }}>
  Screen Only (Hide on print only)
</Box>
<Box sx={{ display: 'none', displayPrint: 'block' }}>
  Print Only (Hide on screen only)
</Box>
```

Overflow

```
{{"demo": "Overflow.js", "defaultCodeOpen": false}}
```

```
<Box component="div" sx={{ overflow: 'hidden' }}>
  Not scrollable, overflow is hidden
</Box>
<Box component="div" sx={{ overflow: 'auto' }}>
  Try scrolling this overflow auto box
</Box>
```

Text overflow

```
{{"demo": "TextOverflow.js", "defaultCodeOpen": false}}
```

```
<Box component="div" sx={{ textOverflow: 'clip' }}>
  Lorem Ipsum is simply dummy text
</Box>
<Box component="div" sx={{ textOverflow: 'ellipsis' }}>
  Lorem Ipsum is simply dummy text
</Box>
```

Visibility

```
{{"demo": "Visibility.js", "defaultCodeOpen": false}}
```

```
<Box component="div" sx={{ visibility: 'visible' }}>
  Visible container
</Box>
```

```
<Box component="div" sx={{ visibility: 'hidden' }}>
  Invisible container
</Box>
```

White space

```
{{"demo": "WhiteSpace.js", "defaultCodeOpen": false}}
```

```
<Box component="div" sx={{ whiteSpace: 'nowrap' }}>
  Lorem Ipsum has been the industry's standard dummy text ever since the 1500s.
</Box>

<Box component="div" sx={{ whiteSpace: 'normal' }}>
  Lorem Ipsum has been the industry's standard dummy text ever since the 1500s.
</Box>
```

API

```
import { display } from '@mui/system';
```

Import name	Prop	CSS property	Theme key
displayPrint	displayPrint	display	none
displayRaw	display	display	none
overflow	overflow	overflow	none
textOverflow	textOverflow	text-overflow	none
visibility	visibility	visibility	none
whiteSpace	whiteSpace	white-space	none