

# Propriedades

Esta página lista todas as propriedades de sistema customizadas, como elas estão ligadas com o tema e quais propriedades CSS eles calculam. All other regular CSS properties and selectors are supported too.

## Tabela de referências de propriedades

Note that this table only lists custom properties, all other regular CSS properties and selectors are supported. You can check out the [legend](#) below.

Chave(s) do sistema	Propriedade CSS/propriedades	Função de estilo do sistema	Mapeamento no tema
border	border	<a href="#">border</a>	<code>\${value}px solid</code>
borderBottom	border-bottom	<a href="#">borderBottom</a>	<code>\${value}px solid</code>
borderColor	border-color	<a href="#">borderColor</a>	<a href="#">theme.palette[value]</a>
borderLeft	border-left	<a href="#">borderLeft</a>	<code>\${value}px solid</code>
borderRadius	border-radius	<a href="#">borderRadius</a>	<a href="#">theme.shape.borderRadius</a> <code>* value</code>
borderRight	border-right	<a href="#">borderRight</a>	<code>\${value}px solid</code>
borderTop	border-top	<a href="#">borderTop</a>	<code>\${value}px solid</code>
boxShadow	box-shadow	<a href="#">boxShadow</a>	<code>theme.shadows[value]</code>
displayPrint	display	<a href="#">displayPrint</a>	<code>none</code>
display	display	<a href="#">displayRaw</a>	<code>none</code>
alignContent	align-content	<a href="#">alignContent</a>	<code>none</code>
alignItems	align-items	<a href="#">alignItems</a>	<code>none</code>
alignSelf	align-self	<a href="#">alignSelf</a>	<code>none</code>
flex	flex	<a href="#">flex</a>	<code>none</code>
flexDirection	flex-direction	<a href="#">flexDirection</a>	<code>none</code>
flexGrow	flex-grow	<a href="#">flexGrow</a>	<code>none</code>
flexShrink	flex-shrink	<a href="#">flexShrink</a>	<code>none</code>
flexWrap	flex-wrap	<a href="#">flexWrap</a>	<code>none</code>
justifyContent	justify-content	<a href="#">justifyContent</a>	<code>none</code>
order	order	<a href="#">order</a>	<code>none</code>
gap	gap	<a href="#">gap</a>	<code>none</code>
columnGap	column-gap	<a href="#">columnGap</a>	<code>none</code>

rowGap	row-gap	<a href="#">rowGap</a>	none
gridColumn	grid-column	<a href="#">gridColumn</a>	none
gridRow	grid-row	<a href="#">gridRow</a>	none
gridAutoFlow	grid-auto-flow	<a href="#">gridAutoFlow</a>	none
gridAutoColumns	grid-auto-columns	<a href="#">gridAutoColumns</a>	none
gridAutoRows	grid-auto-rows	<a href="#">gridAutoRows</a>	none
gridTemplateColumns	grid-template-columns	<a href="#">gridTemplateColumns</a>	none
gridTemplateRows	grid-template-rows	<a href="#">gridTemplateRows</a>	none
gridTemplateAreas	grid-template-areas	<a href="#">gridTemplateAreas</a>	none
gridArea	grid-area	<a href="#">gridArea</a>	none
bgcolor	backgroundColor	<a href="#">bgcolor</a>	<a href="#">theme.palette[value]</a>
color	color	<a href="#">color</a>	<a href="#">theme.palette[value]</a>
bottom	bottom	<a href="#">bottom</a>	none
left	left	<a href="#">left</a>	none
position	position	<a href="#">position</a>	none
right	right	<a href="#">right</a>	none
top	top	<a href="#">top</a>	none
zIndex	z-index	<a href="#">zIndex</a>	<a href="#">theme.zIndex[value]</a>
height	height	<a href="#">height</a>	none
maxHeight	max-height	<a href="#">maxHeight</a>	none
maxWidth	max-width	<a href="#">maxWidth</a>	none
minHeight	min-height	<a href="#">minHeight</a>	none
minWidth	min-width	<a href="#">minWidth</a>	none
width	width	<a href="#">width</a>	none
boxSizing	box-sizing	<a href="#">boxSizing</a>	none
m, margin	margin	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
mb, marginBottom	margin-bottom	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
ml, marginLeft	margin-left	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
mr, marginRight	margin-right	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
mt, marginTop	margin-top	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
mx, marginX	margin-left, margin-right	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>

my, marginY	margin-top, margin-bottom	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
marginInline	margin-inline	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
marginInlineStart	margin-inline-start	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
marginInlineEnd	margin-inline-end	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
marginBlock	margin-block	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
marginBlockStart	margin-block-start	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
marginBlockEnd	margin-block-end	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
p, padding	padding	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
pb, paddingBottom	padding-bottom	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
pl, paddingLeft	padding-left	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
pr, paddingRight	padding-right	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
pt, paddingTop	padding-top	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
px, paddingX	padding-left, padding-right	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
py, paddingY	padding-top, padding-bottom	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
paddingInline	padding-inline	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
paddingInlineStart	padding-inline-start	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
paddingInlineEnd	padding-inline-end	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
paddingBlock	padding-block	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
paddingBlockStart	padding-block-start	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
paddingBlockEnd	padding-block-end	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>
typography	font-family, font-weight, font-size, line-height, letter-spacing, text- transform	<a href="#">typography</a>	<a href="#">theme.typography[value]</a>
fontFamily	font-family	<a href="#">fontFamily</a>	<a href="#">theme.typography[value]</a>
fontSize	font-size	<a href="#">fontSize</a>	<a href="#">theme.typography[value]</a>
fontStyle	font-style	<a href="#">fontStyle</a>	<a href="#">theme.typography[value]</a>
fontWeight	font-weight	<a href="#">fontWeight</a>	<a href="#">theme.typography[value]</a>
letterSpacing	letter-spacing	<a href="#">letterSpacing</a>	<a href="#">theme.typography[value]</a>
lineHeight	line-height	<a href="#">lineHeight</a>	<a href="#">theme.typography[value]</a>
textAlign	text-align	<a href="#">textAlign</a>	none

## Legend

Let's take one row from [the table above](#), for example:

Chave(s) do sistema	Propriedade CSS/propriedades	Função de estilo do sistema	Mapeamento no tema
mb, marginBottom	margin-bottom	<a href="#">spacing</a>	<a href="#">theme.spacing(value)</a>

and detail each column:

- **System keys.** The column lists the key(s) by which you can use this property with the `sx` prop (or as a system function).

```
<Button sx={{ mb: 3 }}>
// or
<Box mb={3}>
// or
<Box marginBottom={3}>
```

- **CSS properties.** The column describes which CSS property will be generated when this system property is used.

```
.my-class {
  margin-bottom: Xpx;
}
```

- **System style function.** The column lists the function which generates the properties shown in the other columns, as a reference in case you want to add this functionality to your custom components. The content links to the documentation page where this properties are described; in this example, the [spacing](#) page. As funções podem ser importadas de `@material-ui/system`. Você pode ver um exemplo de como usar as funções de estilo na [página avançada](#).
- **Theme mapping.** Lastly, the column tells you how this property is wired with the theme – with this example, whatever value you provide will be used as input to the `theme.spacing` helper.

Vamos dar uma olhada em um exemplo:

```
<Button sx={{ mb: 3 }} />

// is equivalent to
<Button sx={{ marginBottom: theme => theme.spacing(3) }} />
```

Como o espaçamento padrão do tema é 8px, isso resultará na seguinte classe CSS:

```
.my-class {
  margin-bottom: 24px;
}
```