

Properties 属性

本页列出了所有的自定义系统属性，解释了它们是如何与主题链接的，以及它们所计算的 CSS 属性。所有其他常规的 CSS 属性和选择器也被支持。

属性参考表

请注意，此表仅列出自定义属性，支持所有其他常规的 CSS 属性和选择器。您可以参考下面的 [图例](#)。

系统键	CSS 属性	系统样式函数	主题映射
border	border	border	<code>\${value}px solid</code>
borderBottom	border-bottom	borderBottom	<code>\${value}px solid</code>
borderColor	border-color	borderColor	theme.palette[value]
borderLeft	border-left	borderLeft	<code>\${value}px solid</code>
borderRadius	border-radius	borderRadius	theme.shape.borderRadius <code>* value</code>
borderRight	border-right	borderRight	<code>\${value}px solid</code>
borderTop	border-top	borderTop	<code>\${value}px solid</code>
boxShadow	box-shadow	boxShadow	<code>theme.shadows[value]</code>
displayPrint	display	displayPrint	<code>none</code>
display	display	displayRaw	<code>none</code>
alignContent	align-content	alignContent	<code>none</code>
alignItems	align-items	alignItems	<code>none</code>
alignSelf	align-self	alignSelf	<code>none</code>
flex	flex	flex	<code>none</code>
flexDirection	flex-direction	flexDirection	<code>none</code>
flexGrow	flex-grow	flexGrow	<code>none</code>
flexShrink	flex-shrink	flexShrink	<code>none</code>
flexWrap	flex-wrap	flexWrap	<code>none</code>
justifyContent	justify-content	justifyContent	<code>none</code>
order	order	order	<code>none</code>
gap	gap	gap	<code>none</code>
columnGap	column-gap	columnGap	<code>none</code>
rowGap	row-gap	rowGap	<code>none</code>

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

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

图例

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

系统键	CSS 属性	系统样式函数	主题映射
mb, marginBottom	margin-bottom	spacing	theme.spacing(value)

and detail each column:

- **System keys. 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. 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 functions can be imported from `@mui/system`. 你可以在 [进阶页面](#) 上看到使用样式函数的例子。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 functions can be imported from `@mui/system`. You can see an example of using the style functions on the [advanced page](#). The content links to the documentation page where this properties are described; in this example, the [spacing](#) page.
- **Theme mapping. 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.

让我们看看一个例子：

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

// 等同于
<Button sx={{ marginBottom: theme => theme.spacing(3) }} />
```

由于默认的主题间距是 8px，这将生成以下 CSS 类：

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