

Usage

Card

Preview Feature

Card is a preview feature. This means that it is not yet ready for production usage and may have limitations or bugs. We encourage you to try it out and provide feedback to help us improve it.

The **Card** component is a versatile container for grouping related content and actions. It presents information in a structured and visually appealing manner, with customization options to fit various design requirements.

Media

Image

Content

Text

Content

☒ Header ☐ Header Prefix ☒ Header Suffix ☐ Title ☐ Subtitle ☒ Footer

Theme Variant

☐ Outlined ☐ Elevated ☐ Dark ☐ Horizontal ☐ Header over Media ☐ Cover Media ☒ Stretch Media



```
<vaadin-card theme="stretch-media">
  
  <div>Lapland is the...</div>
  <div slot="header" class="leading-xs">
    <b class="uppercase text-xs text-secondary">The Exotic North</b>
    <h2>Lapland</h2>
  </div>
  <span slot="header-suffix" theme="badge success">Arctic</span>
  <vaadin-button slot="footer">Book Vacation</vaadin-button>
</vaadin-card>
```

Key Features

- **Multiple slots:** Flexible content placement with distinct slots for media, title, subtitle, header, footer, and more.

- **Customizable appearance:** Extensive theming options for shadows, borders, and backgrounds.

Slots

The Card component provides the following slots:

Content Slot

Place any content here, and as many elements as needed.

Lapland is the northern-most region of Finland and an active outdoor destination that's known for its incredible, year-round light phenomena, vast arctic nature, and Santa Claus.

The land of the indigenous Sámi people, known as Sámi homeland or Sápmi, also crosses the northern part of the region. Explore Finnish Lapland, Europe's last great wilderness!

None

```
<vaadin-card>
  <p>Lapland is the...</p>
  <p>The land of the...</p>
</vaadin-card>
```

Java

```
Card card = new Card();
card.add(
    new Paragraph("Lapland is the..."),
    new Paragraph("The land of the...")
);
```

Media

Place for an image, video, or an icon. Can also be used for other content, but it's intended for illustration purposes. Displays before all other content in the card.



Lapland is the northern-most region of Finland and an active outdoor destination.



Lapland is the northern-most region of Finland and an active outdoor destination.

L

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card>
  
  <div>Lapland is the...</div>
</vaadin-card>

<vaadin-card>
  <vaadin-icon slot="media" icon="lumo:photo"></vaadin-icon>
  <div>Lapland is the...</div>
</vaadin-card>

<vaadin-card>
  <vaadin-avatar slot="media" name="Lapland"></vaadin-avatar>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
card.setMedia(new Image("..."));
card.add(new Div("Lapland is the..."));
```

```
Card card = new Card();
card.setMedia(new Icon("lumo:photo"));
card.add(new Div("Lapland is the..."));
```

```
Card card = new Card();
card.setMedia(new Avatar("Lapland"));
card.add(new Div("Lapland is the..."));
```

Title

Textual content with customized styling. Only one element can be placed in this slot.

Lapland

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card>
  <div slot="title">Lapland</div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
card.setTitle("Lapland");
card.add(new Div("Lapland is the..."));
```

Subtitle

Textual content with customized styling, presented below the title element. Only one element can be placed in this slot. Should be used together with the `title` slot.

Lapland

The Exotic North

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card>
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
```

```
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));
```

Header

Generic slot for any header content. This slot does not add styles for the content and overrides the title and subtitle slots. Only one element can be placed in this slot. Useful, for example, if you want complete control of the heading text styling or layout.

THE EXOTIC NORTH

Lapland

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card>
  <div slot="header" class="leading-xs">
    <div class="uppercase text-xs text-secondary">The Exotic North</div>
    <h2>Lapland</h2>
  </div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
card.setTitle("Lapland");

Div overline = new Div("The Exotic North");
overline.addClassNames(LumoUtility.Text.UPPERCASE, LumoUtility.Text.XSMALL,
LumoUtility.Text.SECONDARY);

H2 heading = new H2("Lapland");
```

```

Div header = new Div(overline, heading);
header.addClassNames(LumoUtility.Leading.XSMALL);

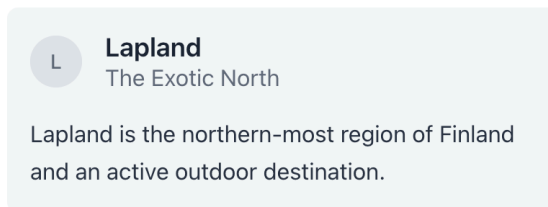
card.setHeader(header);

card.add(new Div("Lapland is the..."));

```

Header Prefix

Any content before the title, subtitle, or header content. Only one element can be placed in this slot.



None

```

<vaadin-card>
  <vaadin-avatar slot="header-prefix" name="Lapland"></vaadin-avatar>
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>

```

Java

```

Card card = new Card();
card.setHeaderPrefix(new Avatar("Lapland"));
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));

```

Header Suffix

Any content after the title, subtitle, or header content. Only one element can be placed in this slot.

Lapland

The Exotic North

Arctic

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card>
  <span slot="header-suffix" theme="badge success">Arctic</span>
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
Span badge = new Span("Arctic");
badge.setAttribute("theme", "badge success");
card.setHeaderSuffix(badge);
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));
```

Footer

Can contain any content. Typically used for actions, badges, or supplementary content. The footer stays anchored to the bottom of the card if the card grows taller than the content in it.

Lapland

Lapland is the northern-most region of Finland and an active outdoor destination.

Book Vacation

None

```
<vaadin-card>
  <div slot="title">Lapland</div>
  <div>Lapland is the...</div>
  <vaadin-button slot="footer">Book Vacation</vaadin-button>
</vaadin-card>
```

Java

```
Card card = new Card();
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));
card.addToFooter(new Button("Book Vacation"));
```

Style Variants

The Card component supports the following theme variants:

Outlined

Adds a solid outline around the card.

Lapland
The Exotic North

Lapland is the northern-most region of Finland
and an active outdoor destination.

None

```
<vaadin-card theme="outlined">
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
card.addThemeVariant(CardVariant.LUMO_OUTLINED);
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));
```

Elevated

Adds a lighter background color and a small shadow on the card. This variant works better if the background behind the card isn't white.

Lapland
The Exotic North

Lapland is the northern-most region of Finland
and an active outdoor destination.

None

```
<vaadin-card theme="elevated">
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
```

```
</vaadin-card>
```

Java

```
Card card = new Card();  
card.addThemeVariant(CardVariant.LUMO_ELEVATED);  
card.setTitle("Lapland");  
card.setSubtitle("The Exotic North");  
card.add(new Div("Lapland is the..."));
```

Horizontal

Place all card content on the side of the media element, if provided.



Lapland

The Exotic North

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card theme="horizontal">  
  <vaadin-avatar slot="media" name="Lapland"></vaadin-avatar>  
  <div slot="title">Lapland</div>  
  <div slot="subtitle">The Exotic North</div>  
  <div>Lapland is the...</div>  
</vaadin-card>
```

Java

```
Card card = new Card();  
card.addThemeVariant(CardVariant.HORIZONTAL);  
card.setTitle("Lapland");  
card.setSubtitle("The Exotic North");
```

```
card.add(new Div("Lapland is the..."));
```

Stretch Media

Stretches the media element as wide – or tall, if combined with the horizontal variant – as the card, if the media element is an image, video, or an icon.



Lapland
The Exotic North

Lapland is the northern-most region of Finland and an active outdoor destination.



Lapland
The Exotic North

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```
<vaadin-card theme="stretch-media">
  
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>

<vaadin-card theme="stretch-media">
  <vaadin-icon slot="media" icon="lumo:photo"></vaadin-icon>
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
```

```

card.setMedia(new Image("..."));
card.addThemeVariant(CardVariant.STRETCH_MEDIA);
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));

Card card = new Card();
card.setMedia(new Icon("lumo:photo"));
card.addThemeVariant(CardVariant.STRETCH_MEDIA);
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));

```

Cover Media

Similar to the stretch-media variant, but this variant allows the media element to also cover the padding area of the card.



Lapland

The Exotic North

Lapland is the northern-most region of Finland and an active outdoor destination.



Lapland

The Exotic North

Lapland is the northern-most region of Finland and an active outdoor destination.

None

```

<vaadin-card theme="cover-media">
  
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>

```

```
<vaadin-card theme="cover-media">
  <vaadin-icon slot="media" icon="lumo:photo"></vaadin-icon>
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  <div>Lapland is the...</div>
</vaadin-card>
```

Java

```
Card card = new Card();
card.setMedia(new Image("..."));
card.addThemeVariant(CardVariant.COVER_MEDIA);
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));
```

```
Card card = new Card();
card.setMedia(new Icon("lumo:photo"));
card.addThemeVariant(CardVariant.COVER_MEDIA);
card.setTitle("Lapland");
card.setSubtitle("The Exotic North");
card.add(new Div("Lapland is the..."));
```

Combine Variants

You can combine all theme variants together, although the `cover-media` variant overrides the `stretch-media` variant.



None

```
<vaadin-card theme="outlined elevated horizontal cover-media">
  
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
```

```
<div>Lapland is the...</div>  
</vaadin-card>
```

Java

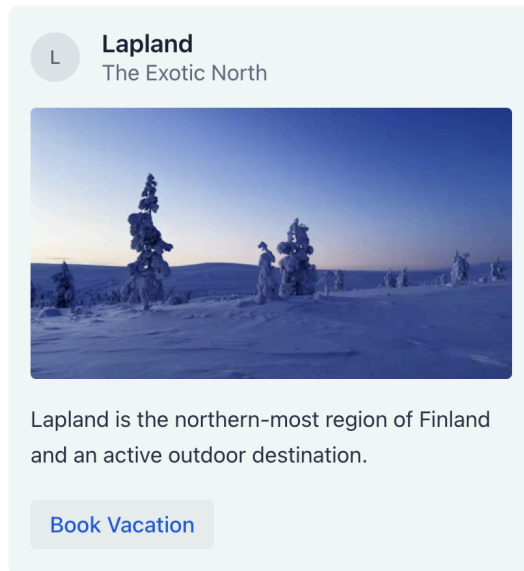
```
Card card = new Card();  
card.setMedia(new Image("..."));  
card.addThemeVariant(  
    CardVariant.LUMO_OUTLINED, CardVariant.LUMO_ELEVATED,  
    CardVariant.HORIZONTAL, CardVariant.COVER_MEDIA);  
card.setTitle("Lapland");  
card.setSubtitle("The Exotic North");  
card.add(new Div("Lapland is the..."));
```

Customization

You can use custom CSS to further customize the layout and appearance of the Card component.

Image Below Header

If you want to show an image below/after the header content, you can achieve it by adding the image in the content slot:



None

```
<vaadin-card>
  <vaadin-avatar slot="header-prefix" name="Lapland"></vaadin-avatar>
  <div slot="title">Lapland</div>
  <div slot="subtitle">The Exotic North</div>
  
  <div>Lapland is the...</div>
  <vaadin-button slot="footer">Book Vacation</vaadin-button>
</vaadin-card>
```

Accessibility

The Card component has no default role and it doesn't associate itself with any contained heading element.

Styling

Stylable Parts

`::part(media)`
`::part(header)`
`::part(content)`
`::part/footer)`

Style Properties

The Card component provides the following CSS custom properties:

Property	Description	Default Value
<code>--vaadin-card-padding</code>	The inner padding of the card.	<code>var(--lumo-space-m)</code>
<code>--vaadin-card-gap</code>	The gap between content elements in the card.	<code>var(--lumo-space-m)</code>
<code>--vaadin-card-background</code>	The background color and image of the card.	<code>var(--lumo-shade-5pct)</code>
<code>--vaadin-card-border-radius</code>	The border radius of the card.	<code>var(--lumo-border-radius-l)</code>
<code>--vaadin-card-border-width</code>	The width of the card border.	<code>0</code>
<code>--vaadin-card-border-color</code>	The color of the card border.	<code>var(--lumo-contrast-20pct)</code>