

# Card

<https://playdocs1.orangeriver-ad055946.westus2.azurecontainerapps.io/play-docs/docs/ui-components/Layout/Card>

## Card

The AAVA Play card system provides a flexible and modular approach to creating content containers. It consists of a main card container (`aava-default-card`) and dedicated subcomponents for header (`aava-card-header`), content (`aava-card-content`), footer (`aava-card-footer`), and actions (`aava-card-actions`). This modular design allows for consistent, well-structured content layouts across your application.

`aava-default-card`

`aava-card-header`

`aava-card-content`

`aava-card-footer`

`aava-card-actions`

## How to use

```
import { AavaDefaultCardComponent, AavaCardHeaderComponent, AavaCardContentComponent, AavaCardFooterComponent, AavaTagComponent, } from "@aava/play-core";
```

```
import { AavaDefaultCardComponent, AavaCardHeaderComponent, AavaCardContentComponent, AavaCardFooterComponent, AavaTagComponent, } from "@aava/play-core";
```

## Basic Usage

A simple card with basic content structure.

```
<aava-default-card> <aava-card-header> <div class="header-with-badge"> <h4>Article Title</h4> <aava-tag [pill]="true" label="New" color="primary"></aava-tag> </div> </aava-card-header> <aava-card-content> <p> A complete card example with header, content, and footer sections. Perfect for articles, blog posts, or detailed information displays. </p> </aava-card-content> <aava-card-footer> <div class="footer-info"> <div class="meta-info"> <aava-icon iconName="calendar-days" [iconSize]="16" iconColor="#6c757d"></aava-icon> <span>Dec 15, 2024</span> </div> <div class="meta-info"> <aava-icon iconName="user" [iconSize]="16" iconColor="#6c757d"></aava-icon> <span>John Doe</span> </div> </div> </aava-card-footer></aava-default-card>
```

```
<aava-default-card> <aava-card-header> <div class="header-with-badge"> <h4>Article Title</h4> <aava-tag [pill]="true" label="New" color="primary"></aava-tag> </div> </aava-card-header> <aava-card-content> <p> A complete card example with header, content, and footer sections. Perfect for articles, blog posts, or detailed information displays. </p> </aava-card-content> <aava-card-footer> <div class="footer-info"> <div class="meta-info"> <aava-icon iconName="calendar-days" [iconSize]="16" iconColor="#6c757d"></aava-icon> <span>Dec 15, 2024</span> </div> <div class="meta-info"> <aava-icon iconName="user" [iconSize]="16" iconColor="#6c757d"></aava-icon> <span>John Doe</span> </div> </div> </aava-card-footer></aava-default-card>
```

## With Header

Card with a header section for titles, navigation, or metadata.

```
<aava-default-card> <aava-card-header> <div class="header-with-icon"> <aava-icon iconName="shield-check" [iconSize]="24" iconColor="#28a745"></aava-icon> <h4>Security Settings</h4> </div> </aava-card-header> <aava-card-content> <p> Icons in headers help convey meaning quickly and add visual interest. This card shows security-related settings. </p> <ul class="settings-list"> <li>Two-factor authentication enabled</li> <li>Password strength: Strong</li> <li>Last login: 2 hours ago</li> </ul> </aava-card-content></aava-default-card>
```

```

<aava-default-card> <aava-card-header> <div class="header-with-icon"> <aava-icon iconName="shield-check" [iconSize]= "24" iconColor="#28a745" ></aava-icon> <h4>Security Settings</h4>
</div> </aava-card-header> <aava-card-content> <p> Icons in headers help convey meaning quickly and add visual interest. This card shows security-related settings. </p> <ul class="settings-list">
<li>Two-factor authentication enabled</li> <li>Password strength: Strong</li> <li>Last login: 2 hours ago</li> </ul> </aava-card-content></aava-default-card>

```

## With Actions

Card with action buttons using the dedicated actions component.

```

<aava-default-card> <aava-card-header> <h4>Account Settings</h4> </aava-card-header> <aava-card-content>
<p> Manage your account preferences, security settings, and personal information. </p> <ul
class="settings-list"> <li>Profile Information</li> <li>Security & Privacy</li> <li>Notification
Preferences</li> </ul> </aava-card-content> <aava-card-footer> <div class="primary-actions"> <aava-
button label="Save Changes" variant="primary" size="sm" (click)="onPrimaryAction('Save
Changes')" > </aava-button> </div> </aava-card-footer></aava-default-card>

```

```

<aava-default-card> <aava-card-header> <h4>Account Settings</h4> </aava-card-header> <aava-card-content>
<p> Manage your account preferences, security settings, and personal information. </p> <ul
class="settings-list"> <li>Profile Information</li> <li>Security & Privacy</li> <li>Notification
Preferences</li> </ul> </aava-card-content> <aava-card-footer> <div class="primary-actions"> <aava-
button label="Save Changes" variant="primary" size="sm" (click)="onPrimaryAction('Save
Changes')" > </aava-button> </div> </aava-card-footer></aava-default-card>

```

```
onPrimaryAction(action: string) { console.log(`Primary action: ${action}`); }
```

```
onPrimaryAction(action: string) { console.log(`Primary action: ${action}`); }
```

## Example Cards

```

<div class="grid-container"> <div class="test-group"> <aava-image-card [data]="verticalWithActions"
(buttonClicked)="onButtonClick($event)" (cardClick)="onCardClick()" ></aava-image-card> </div> <div
class="test-group"> <aava-image-card [data]="verticalWithoutActions1" (cardClick)="onCardClick()">
</aava-image-card> </div> <div class="test-group"> <aava-image-card [data]="verticalWithoutActions3"
(cardClick)="onCardClick()" ></aava-image-card> </div> <div class="test-group stack"> <aava-image-card
[data]="horizontalWithoutActions4" (cardClick)="onCardClick()" ></aava-image-card> <aava-image-card
[data]="horizontalWithoutActions2" (cardClick)="onCardClick()" ></aava-image-card> </div></div><!--
Horizontal Cards Row --><div class="grid-container horizontal-row"> <div class="test-group"> <aava-image-card
[data]="horizontalWithActions" (buttonClicked)="onButtonClick($event)" (cardClick)="onCardClick()" >
</aava-image-card> </div> <div class="test-group"></div></div>

```

```

<div class="grid-container"> <div class="test-group"> <aava-image-card [data]="verticalWithActions"
(buttonClicked)="onButtonClick($event)" (cardClick)="onCardClick()" ></aava-image-card> </div> <div
class="test-group"> <aava-image-card [data]="verticalWithoutActions1" (cardClick)="onCardClick()">
</aava-image-card> </div> <div class="test-group"> <aava-image-card [data]="verticalWithoutActions3"
(cardClick)="onCardClick()" ></aava-image-card> </div> <div class="test-group stack"> <aava-image-card
[data]="horizontalWithoutActions4" (cardClick)="onCardClick()" ></aava-image-card> <aava-image-card
[data]="horizontalWithoutActions2" (cardClick)="onCardClick()" ></aava-image-card> </div></div><!--
Horizontal Cards Row --><div class="grid-container horizontal-row"> <div class="test-group"> <aava-image-card
[data]="horizontalWithActions" (buttonClicked)="onButtonClick($event)" (cardClick)="onCardClick()" >
</aava-image-card> </div> <div class="test-group"></div></div>

```

```

onButtonClick(event: { action: string | undefined, button: any }) { alert(`Button clicked! Text:
"${event.button.text}" | Action: ${event.action}`); console.log('Button click event:', event); }
onCardClick() { console.log('Card clicked!'); } // Card 1: Vertical With Actions verticalWithActions:
ImageCardData = { variant: 'withActions', title: 'Gen AI 101 Learning Path', image: '/assets/card-1-v.svg',
description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
no...', divider: { variant: 'solid', color: '#E5E7EB' }, avatar: { url:
'https://images.unsplash.com/photo-1472099645785-5658abf4ff4e?ixlib=rb-
1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=facearea&facepad=2&w=256&h=256&q=80',
size: 'extra-small', text: 'Jhone Doe' }, subText: { icon: { name: 'eye', size: 16, color: '#BBBEC5' },
text: '440' }, buttons: [ { icon: { name: 'eye', size: 16, color: '#BBBEC5' }, text: 'Button Text',
action: 'start-learning', variant: 'secondary', size: 'md', width: '162px', height: '44px' },
{ icon: { name: 'eye', size: 16, color: '#BBBEC5' }, text: 'Button Text', action: 'view-details',
variant: 'primary', size: 'md', width: '162px', height: '44px' } ], layout: { orientation: 'vertical',
imageGrid: 'top', infoGrid: 'bottom' } }; // Card 2: Horizontal With Actions horizontalWithActions:
ImageCardData = { variant: 'withActions', title: 'Gen AI 101 Learning Path', image: '/assets/card-1-h.svg',
description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...',
divider: { variant: 'solid', color: '#E5E7EB' }, avatar: { url:
'https://images.unsplash.com/photo-1472099645785-5658abf4ff4e?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=facearea&facepad=2&w=256&h=256&q=80',
size: 'extra-small', text: 'Jhone Doe' }, subText: { icon: { name: 'eye', size: 16,

```

```

color: '#BBBEC5' }, text: '440' }, buttons: [ { text: 'Button Text', action: 'start-learning', variant: 'secondary', size: 'md', width: '139px', height: '44px' }, { text: 'Button Text', action: 'view-details', variant: 'primary', size: 'md', width: '139px', height: '44px' } ], layout: { orientation: 'horizontal', imageGrid: 'left', infoGrid: 'right' } }; // Card 3: Vertical Without Actions (Card 1) verticalWithoutActions1: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-v.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'vertical', imageGrid: 'bottom', infoGrid: 'top' } }; // Card 4: Horizontal Without Actions (Card 2) horizontalWithoutActions2: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-h.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'horizontal', imageGrid: 'left', infoGrid: 'right' } }; // Card 5: Vertical Without Actions (Card 3) verticalWithoutActions3: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-v.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'vertical', imageGrid: 'top', infoGrid: 'bottom' } }; // Card 6: Horizontal Without Actions (Card 4) horizontalWithoutActions4: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-h.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'horizontal', imageGrid: 'right', infoGrid: 'left' } };

```

```

onButtonClick(event: { action: string | undefined, button: any }) { alert(`Button clicked! Text: ${event.button.text}`) | Action: ${event.action}`); console.log('Button click event:', event); }
onCardClick() { console.log('Card clicked!'); } // Card 1: Vertical With Actions verticalWithActions: ImageCardData = { variant: 'withActions', title: 'Gen AI 101 Learning Path', image: '/assets/card-1-v.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', divider: { variant: 'solid', color: '#E5E7EB' }, avatar: { url: 'https://images.unsplash.com/photo-1472099645785-5658abf4ff4e?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=facearea&facepad=2&w=256&h=256&q=80', size: 'extra-small', text: 'Jhone Doe' }, subText: { icon: { name: 'eye', size: 16, color: '#BBBEC5' }, text: '440' }, buttons: [ { text: 'Button Text', action: 'start-learning', variant: 'secondary', size: 'md', width: '162px', height: '44px' }, { text: 'View Details', variant: 'primary', size: 'md', width: '162px', height: '44px' } ], layout: { orientation: 'vertical', imageGrid: 'top', infoGrid: 'bottom' } }; // Card 2: Horizontal With Actions horizontalWithActions: ImageCardData = { variant: 'withActions', title: 'Gen AI 101 Learning Path', image: '/assets/card-1-h.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', divider: { variant: 'solid', color: '#E5E7EB' }, avatar: { url: 'https://images.unsplash.com/photo-1472099645785-5658abf4ff4e?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=facearea&facepad=2&w=256&h=256&q=80', size: 'extra-small', text: 'Jhone Doe' }, subText: { icon: { name: 'eye', size: 16, color: '#BBBEC5' }, text: '440' }, buttons: [ { text: 'Button Text', action: 'start-learning', variant: 'secondary', size: 'md', width: '139px', height: '44px' }, { text: 'Button Text', action: 'view-details', variant: 'primary', size: 'md', width: '139px', height: '44px' } ], layout: { orientation: 'horizontal', imageGrid: 'left', infoGrid: 'right' } }; // Card 3: Vertical Without Actions (Card 1) verticalWithoutActions1: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-v.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'vertical', imageGrid: 'bottom', infoGrid: 'top' } }; // Card 4: Horizontal Without Actions (Card 2) horizontalWithoutActions2: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-h.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'horizontal', imageGrid: 'left', infoGrid: 'right' } }; // Card 5: Vertical Without Actions (Card 3) verticalWithoutActions3: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-v.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'vertical', imageGrid: 'top', infoGrid: 'bottom' } }; // Card 6: Horizontal Without Actions (Card 4) horizontalWithoutActions4: ImageCardData = { variant: 'withoutActions', title: 'Generate UI Design', image: '/assets/card-1-h.svg', description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio...', tags: [ { label: 'Tag', size: 'xs', color: 'primary', shape: 'square' } ], subDescription: { left: 'Text Casus Generibus(15)', right: '15th May, 18:00' }, layout: { orientation: 'horizontal', imageGrid: 'right', infoGrid: 'left' } };

```

## Features

### Modular Components

- Default Card(aava-default-card): Main card container with proper styling and accessibility

- Card Header(aava-card-header): Dedicated header component with semantic HTML
- Card Content(aava-card-content): Main content area component
- Card Footer(aava-card-footer): Footer section component
- Card Actions(aava-card-actions): Action buttons container component

aava-default-card

aava-card-header

aava-card-content

aava-card-footer

aava-card-actions

## Accessibility

- Semantic Structure: Proper ARIA roles and landmarks
- Keyboard Navigation: Full keyboard accessibility
- Screen Reader Support: Clear content structure for assistive technologies

## Responsive Design

- Flexible Width: Adapts to container width
- Mobile Friendly: Optimized for all screen sizes
- Consistent Spacing: Maintains proper spacing across devices

## API Reference

### DefaultCardComponent

The main card container component that provides the base card structure.

Selector:aava-default-card

aava-default-card

Property	Type	Default	Description
No inputs	-	-	Uses content projection for all content

Methods:None

Events:None

### CardHeaderComponent

Header section component with semantic HTML structure and typography styling.

Selector:aava-card-header

aava-card-header

Property	Type	Default	Description
No inputs	-	-	Uses content projection for header content

Methods:None

Events:None

## CardContentComponent

Main content area component for displaying primary card content.

Selector:aava-card-content

aava-card-content

Property | Type | Default | Description  
No inputs | - | - | Uses content projection for main content

Methods:None

Events:None

## CardFooterComponent

Footer section component for additional information or metadata.

Selector:aava-card-footer

aava-card-footer

Property | Type | Default | Description  
No inputs | - | - | Uses content projection for footer content

Methods:None

Events:None

## CardActionsComponent

Action buttons container component for user interactions.

Selector:aava-card-actions

aava-card-actions

Property | Type | Default | Description  
No inputs | - | - | Uses content projection for action buttons

Methods:None

Events:None

## CSS Custom Properties

The card components use the following CSS custom properties for styling:

Property | Description | Default Value  
--card-default-border | Border color for the default card | Defined in theme  
--tooltip-shadow | Box shadow for the card | Defined in theme  
--card-heading1-font | Font family for h1 elements in header | Defined in theme  
--card-heading1-font-weight | Font weight for h1 elements in header | Defined in theme

--card-default-border

--tooltip-shadow

--card-heading1-font

--card-heading1-font-weight

## Component Styling

#### Default Card:

- Border radius: 24px
- Border: 1px solid with--card-default-border
- Background: Linear gradient from white to light gray
- Box shadow: Uses--tooltip-shadow
- Padding: 24px
- Width: 100%

```
--card-default-border
```

```
--tooltip-shadow
```

#### Card Header:

- Uses semantic element with role="banner"
- Typography styling for h1 elements
- Custom font family and weight support

```
<header>
```

```
role="banner"
```

#### Card Content:

- Clean content area with no additional styling
- Uses content projection for flexible content

#### Card Footer:

- Clean footer area with no additional styling
- Uses content projection for flexible content

#### Card Actions:

- Clean actions area with no additional styling
- Uses content projection for flexible content

## Best Practices

### Design Guidelines

- Content Hierarchy: Use headers for titles, content for main information, and footers for actions or metadata
- Consistent Spacing: Maintain consistent padding and margins across all cards
- Visual Balance: Ensure content is well-distributed within the card
- Clear Boundaries: Use borders or shadows to clearly define card boundaries

### Component Usage

- Always use `aava-default-card` as the main container
- Use dedicated subcomponents for each section (header, content, footer, actions)
- Maintain semantic structure with proper heading hierarchy
- Keep components focused on their specific responsibilities

```
aava-default-card
```

## **Accessibility**

- Semantic Structure: Use proper heading hierarchy within card headers
- Focus Management: Ensure logical tab order through card content
- Screen Reader Support: Provide descriptive content for assistive technologies
- Color Contrast: Maintain sufficient contrast for all text content

## **Performance**

- Modular Design: Use only the components you need
- Change Detection: Leverage OnPush strategy for better performance
- Lazy Loading: Consider lazy loading for cards with heavy content
- Memory Management: Clean up event listeners and subscriptions