Chip-Tag

https://playdocs1.orangeriver-ad055946.westus2.azurecontainerapps.io/play-docs/docs/ui-components/Display/Chip-Tag

Tag

A modern, accessible, and highly customizable tag/chip component for displaying labels, categories, status information, and actionable items. Features multiple color variants, sizes, icons, avatars, and interactive capabilities.

How to use

```
import { AavaTagComponent } from "@aava/play-core";
```

```
import { AavaTagComponent } from "@aava/play-core";
```

Basic Usage

Simple tag implementations with labels and basic styling options.

```
<aava-tag type="tag" color="default" size="lg" label="Default Tag"></aava-tag><aava-tag  type="tag"
color="default"  size="lg"  label="Outlined Tag"  [variant]="outlined"></aava-tag><aava-tag  type="tag"
color="default"  size="lg"  label="Pill Tag"  [pill]="true"></aava-tag><aava-tag  type="tag"  color="default"
size="lg"  label="Outlined Pill Tag"  [variant]="outlined"  [pill]="true"></aava-tag>
```

```
<aava-tag type="tag" color="default" size="lg" label="Default Tag"></aava-tag><aava-tag  type="tag"
color="default"  size="lg"  label="Outlined Tag"  [variant]="outlined"></aava-tag><aava-tag  type="tag"
color="default"  size="lg"  label="Pill Tag"  [pill]="true"></aava-tag><aava-tag  type="tag"  color="default"
size="lg"  label="Outlined Pill Tag"  [variant]="outlined"  [pill]="true"></aava-tag>
```

Status Badge

Semantic status badges for different contexts and meanings.

```
<aava-tag type='badge' label="Success" color="success" [size]="'lg'"></aava-tag><aava-tag type='badge'
label="Warning" color="warning" [size]="'lg'"></aava-tag><aava-tag type='badge' label="Error" color="error"
[size]="'lg'"></aava-tag><aava-tag type='badge' label="Info" color="info" [size]="'lg'"></aava-tag>
```

```
<aava-tag type='badge' label="Success" color="success" [size]="'lg'"></aava-tag><aava-tag type='badge'
label="Warning" color="warning" [size]="'lg'"></aava-tag><aava-tag type='badge' label="Error" color="error"
[size]="'lg'"></aava-tag><aava-tag type='badge' label="Info" color="info" [size]="'lg'"></aava-tag>
```

```
  onTagClick(tagName: string): void {    console.log(`${tagName} tag clicked!`);  }
```

```
  onTagClick(tagName: string): void {    console.log(`${tagName} tag clicked!`);  }
```

Available Status Badge Colors

• Success: Green for positive states and confirmations

• Warning: Orange for caution and attention states

• Error: Red for error states and critical information

• Info: Blue for informational content

• Custom: User-defined colors via CSS custom properties

Variants

Filled and outlined style variants for different visual emphasis.

```
<aava-tag label="Filled" size="lg" color="default" variant="filled"></aava-tag><aava-tag  label="Outlined"
size="lg"  color="default"  variant="outlined"></aava-tag>
```

Style Variants

• Filled: Solid background with high contrast (default)

• Outlined: Transparent background with colored border and text

Sizes

Three size options to fit different interface requirements and hierarchy.

```
<aava-tag  label="Extra Small"  size="xs"  color="default"  variant="filled"></aava-tag><aava-tag label="Small"
size="sm" color="default" variant="filled"></aava-tag><aava-tag label="Medium" size="md" color="default"
variant="filled"></aava-tag><aava-tag label="Large" size="lg" color="default" variant="filled"></aava-tag><aava-
tag  label="Extra Large"  size="xl"  color="default"  variant="filled"></aava-tag>
```

Available Sizes

• xs (Extra Small)- Extra compact size for very dense interfaces

• sm (Small)- Compact size for dense interfaces

• md (Medium)- Standard size for most use cases (default)

• lg (Large)- Prominent size for primary actions

• xl (Extra Large)- Extra large size for hero sections and CTAs

Icons

Icon integration with positioning and customization options.

```
<aava-tag  label="Star"  icon="star"  iconPosition="start"  [size]="'lg'"></aava-tag><aava-tag  label="Check"
icon="check-circle"  iconPosition="start"  [size]="'lg'"></aava-tag><aava-tag  label="Warning"  icon="alert-
triangle"  iconPosition="start"  [size]="'lg'"></aava-tag><aava-tag  label="Error"  icon="x-circle"
iconPosition="start"  [size]="'lg'"></aava-tag><aava-tag  label="Info"  icon="info"  iconPosition="start"
[size]="'lg'"></aava-tag>
```

Icon Features

• Positioning: Start (leading) or end (trailing) positions

• Custom Colors: Override icon colors independently

• Size Adaptation: Icons automatically scale with tag size

• Icon Library: Integration with ava-icon component system

Avatars

User avatar support for person tags and user identification.

```
<aava-tag  label="John Smith"  [size]="'lg'"  [avatar]="https://randomuser.me/api/portraits/men/32.jpg"></aava-
tag><aava-tag  label="Kane Smith"  [size]="'lg'"  [avatar]="https://randomuser.me/api/portraits/men/44.jpg">
</aava-tag><aava-tag  label="Bob Wilson"  [size]="'lg'"
[avatar]="https://randomuser.me/api/portraits/men/67.jpg"></aava-tag><aava-tag label="Alice Brown" [size]="'lg'"
[avatar]="AB"></aava-tag>
```

Avatar Types

• Image Avatars: Profile pictures from URLs

• Initial Avatars: Text-based avatars with user initials

Interactive Tags

Clickable and removable tags with event handling and state management.

```
<aava-tag  *ngFor="let tag of tags; trackBy: trackByTag"  [label]="tag.label"  [removable]="true"
(clicked)="onTagClick(tag.label)"  (removed)="onTagRemove(tag)"  [pill]="true"  [size]="'lg'"
[variant]="'outlined'"></aava-tag>
```

```
 tags: Tag[] = [    { id: 1, label: 'JavaScript' },    { id: 2, label: 'Angular' },    { id: 3, label:
'TypeScript' },    { id: 4, label: 'CSS' },    { id: 5, label: 'HTML' },  ];  onTagClick(tagName: string): void {
console.log(`${tagName} tag clicked!`);  }  onTagRemove(tagToRemove: Tag): void {    this.tags =
this.tags.filter((tag) => tag.id !== tagToRemove.id);    console.log(`${tagToRemove.label} tag removed!`);  }
trackByTag(index: number, tag: Tag): number {    return tag.id;  }
```

Interactive Features

• Clickable: Click handlers for tag selection and navigation

• Removable: Close button with removal events

• Hover Effects: Visual feedback for interactive states

• Keyboard Support: Enter key activation for accessibility

• Disabled State: Non-interactive disabled appearance

Custom Tags

Custom color tags with user-defined styling using CSS custom properties.

```
<aava-tag  *ngFor="let tag of customColorTags"  [label]="tag.label"  [color]="tag.color"  [size]="tag.size"
[customStyle]="tag.customStyle"  (clicked)="onTagClick(tag.label)"></aava-tag>
```

```
export interface CustomColorTag {  label: string;  color: 'custom';  size: 'lg';  customStyle: Record<string,
string>;}export class TagsColorsComponent {  customColorTags: CustomColorTag[] = [    {      label: 'Purple',
color: 'custom',      size: 'lg',      customStyle: {        '--tag-custom-bg': '#f3e8ff',        '--tag-custom-
color': '#7c3aed',        '--tag-custom-border': '1px solid #7c3aed'      }    },    {      label: 'Pink',
```

```
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#fdf2f8',         '--tag-custom-
color': '#ec4899',        '--tag-custom-border': '1px solid #ec4899'        }    },    {       label: 'Teal',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#f0fdfa',         '--tag-custom-
color': '#14b8a6',        '--tag-custom-border': '1px solid #14b8a6'        }    },    {       label: 'Orange',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#fff7ed',         '--tag-custom-
color': '#ea580c',        '--tag-custom-border': '1px solid #ea580c'        }    },    {       label: 'Indigo',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#eef2ff',         '--tag-custom-
color': '#6366f1',        '--tag-custom-border': '1px solid #6366f1'        }    } ];   onTagClick(tagName: string):
void {    console.log(`${tagName} tag clicked!`);  }}
```

```
export interface CustomColorTag {  label: string;  color: 'custom';  size: 'lg';  customStyle: Record<string,
string>;}export class TagsColorsComponent {  customColorTags: CustomColorTag[] = [    {       label: 'Purple',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#f3e8ff',         '--tag-custom-
color': '#7c3aed',        '--tag-custom-border': '1px solid #7c3aed'        }    },    {       label: 'Pink',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#fdf2f8',         '--tag-custom-
color': '#ec4899',        '--tag-custom-border': '1px solid #ec4899'        }    },    {       label: 'Teal',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#f0fdfa',         '--tag-custom-
color': '#14b8a6',        '--tag-custom-border': '1px solid #14b8a6'        }    },    {       label: 'Orange',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#fff7ed',         '--tag-custom-
color': '#ea580c',        '--tag-custom-border': '1px solid #ea580c'        }    },    {       label: 'Indigo',
color: 'custom',        size: 'lg',       customStyle: {         '--tag-custom-bg': '#eef2ff',         '--tag-custom-
color': '#6366f1',        '--tag-custom-border': '1px solid #6366f1'        }    } ];   onTagClick(tagName: string):
void {    console.log(`${tagName} tag clicked!`);  }}
```

Custom Color Implementation

Create custom colored tags by setting thecolorprop to"custom"and providing custom CSS properties through
thecustomStyleinput:

```
color
```

```
"custom"
```

```
customStyle
```

- --tag-custom-bg: Background color for the tag

- --tag-custom-color: Text color for the tag

- --tag-custom-border: Border styling for the tag

Accessibility

Built-in accessibility features ensuring inclusive user experience.

Accessibility Features

• Keyboard Navigation: Tab navigation and Enter activation

• ARIA Support: Proper roles and attributes for screen readers

• Focus Management: Clear visual focus indicators

• Disabled States: Proper disabled state communication

• Color Contrast: WCAG-compliant color combinations

• Screen Reader: Descriptive labels and state announcements

API Reference

Inputs

```
Property | Type | Default | Description
label | string | '' | Text label for the tag
color | 'default' | 'primary' | 'success' | 'warning' | 'error' | 'info' | 'custom' | 'default' | Color variant
for the tag
variant | 'filled' | 'outlined' | 'filled' | Visual style variant
size | 'xs' | 'sm' | 'md' | 'lg' | 'xl' | 'sm' | Size of the tag component
pill | boolean | false | Whether to use pill-shaped (fully rounded) design
removable | boolean | false | Whether to show remove button
```

```
disabled | boolean | false | Whether the tag is disabled
icon | string | undefined | Icon name for ava-icon component
iconPosition | 'start' | 'end' | 'start' | Position of the icon relative to label
avatar | string | undefined | Avatar image URL or initials text
iconColor | string | undefined | Custom color for icons
customStyle | Record | undefined | Custom CSS custom properties
customClass | string | undefined | Additional CSS class names
type | 'badge' | 'tag' | 'tag' | Component type: tag or status badge
```

label

string

''

color

'default' | 'primary' | 'success' | 'warning' | 'error' | 'info' | 'custom'

'default'

variant

'filled' | 'outlined'

'filled'

size

'xs' | 'sm' | 'md' | 'lg' | 'xl'

'sm'

pill

boolean

false

removable

boolean

false

disabled

boolean

false

icon

string

undefined

iconPosition

'start' | 'end'

'start'

avatar

string

undefined

iconColor

string

undefined

customStyle

Record<string, string>

undefined

customClass

string

undefined

type

'badge' | 'tag'

'tag'

Outputs

```
Event | Type | Description
clicked | EventEmitter | Emitted when tag is clicked (if clickable)
removed | EventEmitter | Emitted when remove button is clicked
```

clicked

EventEmitter<void>

removed

EventEmitter<void>

Properties

```
Property | Type | Description
clickable | boolean | Read-only property indicating if tag has click handlers
```

```
clickable
```

```
boolean
```

Methods

```
Method | Parameters | Return Type | Description
onClick() | - | void | Handle tag click events
onRemove(event: Event) | event: Event | void | Handle remove button clicks
```

```
onClick()
```

```
void
```

```
onRemove(event: Event)
```

```
event: Event
```

```
void
```

CSS Custom Properties

```
Property | Description
--tags-filled-background | Background color for filled variant
--tags-filled-text | Text color for filled variant
--tags-filled-border | Border color for filled variant
--tags-filled-primary-background | Background color for primary filled variant
--tags-filled-primary-text | Text color for primary filled variant
--tags-filled-primary-border | Border color for primary filled variant
--tags-filled-success-background | Background color for success filled variant
--tags-filled-success-text | Text color for success filled variant
--tags-filled-success-border | Border color for success filled variant
--tags-filled-warning-background | Background color for warning filled variant
--tags-filled-warning-text | Text color for warning filled variant
--tags-filled-warning-border | Border color for warning filled variant
--tags-filled-error-background | Background color for error filled variant
--tags-filled-error-text | Text color for error filled variant
--tags-filled-error-border | Border color for error filled variant
--tags-filled-info-background | Background color for info filled variant
--tags-filled-info-text | Text color for info filled variant
--tags-filled-info-border | Border color for info filled variant
--tags-filled-custom-background | Background color for custom filled variant
--tags-filled-custom-text | Text color for custom filled variant
--tags-filled-custom-border | Border color for custom filled variant
--tags-outlined-background | Background color for outlined variant
--tags-outlined-text | Text color for outlined variant
--tags-outlined-border | Border color for outlined variant
--tags-outlined-primary-text | Text color for primary outlined variant
--tags-outlined-primary-border | Border color for primary outlined variant
--tags-outlined-success-text | Text color for success outlined variant
--tags-outlined-success-border | Border color for success outlined variant
--tags-outlined-warning-text | Text color for warning outlined variant
--tags-outlined-warning-border | Border color for warning outlined variant
--tags-outlined-error-text | Text color for error outlined variant
--tags-outlined-error-border | Border color for error outlined variant
--tags-outlined-info-text | Text color for info outlined variant
--tags-outlined-info-border | Border color for info outlined variant
--tags-outlined-custom-text | Text color for custom outlined variant
--tags-outlined-custom-border | Border color for custom outlined variant
--tags-focus-background | Background color for focus state
--tags-focus-text | Text color for focus state
--tags-focus-border | Border color for focus state
--tags-focus-outline | Outline style for focus state
--tags-disabled-background | Background color for disabled state
--tags-disabled-text | Text color for disabled state
--tags-disabled-border | Border color for disabled state
--tags-disabled-cursor | Cursor style when tag is disabled
```

```
--tags-pill-border-radius | Border radius for pill variant
--tags-removable-button-background | Background color for remove button
--tags-removable-button-text | Text color for remove button
--tags-removable-button-size | Size of the remove button icon
--tags-removable-button-border-radius | Border radius for remove button
--tags-removable-button-padding | Padding for remove button
--tags-removable-button-active-background | Background color for active remove button
--tags-removable-button-active-text | Text color for active remove button
--tags-avatar-bg | Background color for avatar
--tags-avatar-initials-bg | Background color for avatar initials
--tags-avatar-initials-color | Text color for avatar initials
--tags-avatar-size | Size of avatar
--tags-avatar-font-size | Font size for avatar initials
--tags-avatar-margin | Margin around avatar
--tag-custom-bg | Custom background color
--tag-custom-color | Custom text color
--tag-custom-border | Custom border color
--tags-xs-font-family | Font family for xs size tags
--tags-xs-font-size | Font size for xs size tags
--tags-xs-font-weight | Font weight for xs size tags
--tags-xs-line-height | Line height for xs size tags
--tags-xs-padding | Padding for xs size tags
--tags-xs-border-radius | Border radius for xs size tags
--tags-sm-font-family | Font family for sm size tags
--tags-sm-font-size | Font size for sm size tags
--tags-sm-font-weight | Font weight for sm size tags
--tags-sm-line-height | Line height for sm size tags
--tags-sm-padding | Padding for sm size tags
--tags-sm-border-radius | Border radius for sm size tags
--tags-md-font-family | Font family for md size tags
--tags-md-font-size | Font size for md size tags
--tags-md-font-weight | Font weight for md size tags
--tags-md-line-height | Line height for md size tags
--tags-md-padding | Padding for md size tags
--tags-md-border-radius | Border radius for md size tags
--tags-lg-font-family | Font family for lg size tags
--tags-lg-font-size | Font size for lg size tags
--tags-lg-font-weight | Font weight for lg size tags
--tags-lg-line-height | Line height for lg size tags
--tags-lg-padding | Padding for lg size tags
--tags-lg-border-radius | Border radius for lg size tags
--tags-xl-font-family | Font family for xl size tags
--tags-xl-font-size | Font size for xl size tags
--tags-xl-font-weight | Font weight for xl size tags
--tags-xl-line-height | Line height for xl size tags
--tags-xl-padding | Padding for xl size tags
--tags-xl-border-radius | Border radius for xl size tags
--tags-icon-gap | Default gap between icon and text
--tags-xl-right-icon-gap | Right icon gap for xl size tags
--tags-lg-right-icon-gap | Right icon gap for lg size tags
--tags-md-right-icon-gap | Right icon gap for md size tags
--tags-sm-right-icon-gap | Right icon gap for sm size tags
--tags-xs-right-icon-gap | Right icon gap for xs size tags
--tags-xl-left-icon-gap | Left icon gap for xl size tags
--tags-lg-left-icon-gap | Left icon gap for lg size tags
--tags-md-left-icon-gap | Left icon gap for md size tags
--tags-sm-left-icon-gap | Left icon gap for sm size tags
--tags-xs-left-icon-gap | Left icon gap for xs size tags
--tags-avatar-color | Text color for avatar
--tags-remove-button-disabled-color | Color for disabled remove button
```

```
--tags-filled-background
```

```
--tags-filled-text
```

```
--tags-filled-border
```

```
--tags-filled-primary-background
```

```
--tags-filled-primary-text
```

```
--tags-filled-primary-border
```

```
--tags-filled-success-background
```

```
--tags-filled-success-text

--tags-filled-success-border

--tags-filled-warning-background

--tags-filled-warning-text

--tags-filled-warning-border

--tags-filled-error-background

--tags-filled-error-text

--tags-filled-error-border

--tags-filled-info-background

--tags-filled-info-text

--tags-filled-info-border

--tags-filled-custom-background

--tags-filled-custom-text

--tags-filled-custom-border

--tags-outlined-background

--tags-outlined-text

--tags-outlined-border

--tags-outlined-primary-text

--tags-outlined-primary-border

--tags-outlined-success-text

--tags-outlined-success-border

--tags-outlined-warning-text

--tags-outlined-warning-border

--tags-outlined-error-text

--tags-outlined-error-border

--tags-outlined-info-text
```

```
--tags-outlined-info-border

--tags-outlined-custom-text

--tags-outlined-custom-border

--tags-focus-background

--tags-focus-text

--tags-focus-border

--tags-focus-outline

--tags-disabled-background

--tags-disabled-text

--tags-disabled-border

--tags-disabled-cursor

--tags-pill-border-radius

--tags-removable-button-background

--tags-removable-button-text

--tags-removable-button-size

--tags-removable-button-border-radius

--tags-removable-button-padding

--tags-removable-button-active-background

--tags-removable-button-active-text

--tags-avatar-bg

--tags-avatar-initials-bg

--tags-avatar-initials-color

--tags-avatar-size

--tags-avatar-font-size

--tags-avatar-margin

--tag-custom-bg
```

```
--tag-custom-color

--tag-custom-border

--tags-xs-font-family

--tags-xs-font-size

--tags-xs-font-weight

--tags-xs-line-height

--tags-xs-padding

--tags-xs-border-radius

--tags-sm-font-family

--tags-sm-font-size

--tags-sm-font-weight

--tags-sm-line-height

--tags-sm-padding

--tags-sm-border-radius

--tags-md-font-family

--tags-md-font-size

--tags-md-font-weight

--tags-md-line-height

--tags-md-padding

--tags-md-border-radius

--tags-lg-font-family

--tags-lg-font-size

--tags-lg-font-weight

--tags-lg-line-height

--tags-lg-padding

--tags-lg-border-radius
```

```
--tags-xl-font-family
```

```
--tags-xl-font-size
```

```
--tags-xl-font-weight
```

```
--tags-xl-line-height
```

```
--tags-xl-padding
```

```
--tags-xl-border-radius
```

```
--tags-icon-gap
```

```
--tags-xl-right-icon-gap
```

```
--tags-lg-right-icon-gap
```

```
--tags-md-right-icon-gap
```

```
--tags-sm-right-icon-gap
```

```
--tags-xs-right-icon-gap
```

```
--tags-xl-left-icon-gap
```

```
--tags-lg-left-icon-gap
```

```
--tags-md-left-icon-gap
```

```
--tags-sm-left-icon-gap
```

```
--tags-xs-left-icon-gap
```

```
--tags-avatar-color
```

```
--tags-remove-button-disabled-color
```

Best Practices

Design Guidelines

- Use consistent colors for similar concepts across your application
- Choose appropriate sizes based on interface hierarchy and density
- Prefer outlined variants for secondary information
- Use removable tags for user-manageable content
- Consider pill shape for status indicators and badges

Accessibility

- Always provide meaningful labels that describe the tag purpose
- Use color variants semantically (success for positive states, etc.)

- Ensure sufficient color contrast for all variants

- Provide keyboard navigation for interactive tags

- Use ARIA labels for complex tag interactions

Performance

- Avoid frequent color or style changes that trigger repaints

- Use CSS custom properties for dynamic theming

- Consider virtualization for large tag lists

- Batch tag operations for better performance