

When To Use

Badge normally appears in proximity to notifications or user avatars with eye-catching appeal, typically displaying unread messages count.

Examples

Basic

```
import React from 'react';
import { ClockCircleOutlined } from '@ant-design/icons';
import { Avatar, Badge, Space } from 'antd';

const App: React.FC = () => (
  <Space size="middle">
    <Badge count={5}>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={0} showZero>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={<ClockCircleOutlined style={{ color: '#f5222d' }} />}>
      <Avatar shape="square" size="large" />
    </Badge>
  </Space>
);

export default App;
```

Standalone

```
import React, { useState } from 'react';
import { ClockCircleOutlined } from '@ant-design/icons';
import { Badge, Space, Switch } from 'antd';

const App: React.FC = () => {
  const [show, setShow] = useState(true);

  return (
    <Space>
      <Switch checked={show} onChange={() => setShow(!show)} />
      <Badge count={show ? 11 : 0} showZero color="#faad14" />
      <Badge count={show ? 25 : 0} />
      <Badge count={show ? <ClockCircleOutlined style={{ color: '#f5222d' }} /> : 0} />
    </Space>
  );
};
```

```

        className="site-badge-count-109"
        count={show ? 109 : 0}
        style={{ backgroundColor: '#52c41a' }}
      />
    </Space>
  );
};

export default App;

```

Overflow Count

```

import React from 'react';
import { Avatar, Badge, Space } from 'antd';

const App: React.FC = () => (
  <Space size="large">
    <Badge count={99}>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={100}>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={99} overflowCount={10}>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={1000} overflowCount={999}>
      <Avatar shape="square" size="large" />
    </Badge>
  </Space>
);

export default App;

```

Red badge

```

import React from 'react';
import { NotificationOutlined } from '@ant-design/icons';
import { Badge, Space } from 'antd';

const App: React.FC = () => (
  <Space>
    <Badge dot>
      <NotificationOutlined style={{ fontSize: 16 }} />
    </Badge>
  </Space>
);

export default App;

```

```

    <Badge dot>
      <a href="#">Link something</a>
    </Badge>
  </Space>
);

export default App;

```

Dynamic

```

import React, { useState } from 'react';
import { MinusOutlined, PlusOutlined, QuestionOutlined } from '@ant-
design/icons';
import { Avatar, Badge, Button, Space, Switch } from 'antd';

const App: React.FC = () => {
  const [count, setCount] = useState(5);
  const [show, setShow] = useState(true);

  const increase = () => {
    setCount(count + 1);
  };

  const decline = () => {
    let newCount = count - 1;
    if (newCount < 0) {
      newCount = 0;
    }
    setCount(newCount);
  };

  const random = () => {
    const newCount = Math.floor(Math.random() * 100);
    setCount(newCount);
  };

  const onChange = (checked: boolean) => {
    setShow(checked);
  };

  return (
    <Space direction="vertical">
      <Space size="large">
        <Badge count={count}>
          <Avatar shape="square" size="large" />
        </Badge>

```

```

    <Space.Compact>
      <Button onClick={decline} icon={<MinusOutlined />} />
      <Button onClick={increase} icon={<PlusOutlined />} />
      <Button onClick={random} icon={<QuestionOutlined />} />
    </Space.Compact>
  </Space>
  <Space size="large">
    <Badge dot={show}>
      <Avatar shape="square" size="large" />
    </Badge>
    <Switch onChange={onChange} checked={show} />
  </Space>
</Space>
);
};

export default App;

```

Clickable

```

import React from 'react';
import { Avatar, Badge } from 'antd';

const App: React.FC = () => (
  <a href="#">
    <Badge count={5}>
      <Avatar shape="square" size="large" />
    </Badge>
  </a>
);

export default App;

```

Offset

```

import React from 'react';
import { Avatar, Badge } from 'antd';

const App: React.FC = () => (
  <Badge count={5} offset={[10, 10]}>
    <Avatar shape="square" size="large" />
  </Badge>
);

```

```
export default App;
```

Size

```
import React from 'react';
import { Avatar, Badge, Space } from 'antd';

const App: React.FC = () => (
  <Space size="middle">
    <Badge size="default" count={5}>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge size="small" count={5}>
      <Avatar shape="square" size="large" />
    </Badge>
  </Space>
);

export default App;
```

Status

```
import React from 'react';
import { Badge, Space } from 'antd';

const App: React.FC = () => (
  <>
    <Space>
      <Badge status="success" />
      <Badge status="error" />
      <Badge status="default" />
      <Badge status="processing" />
      <Badge status="warning" />
    </Space>
    <br />
    <Space direction="vertical">
      <Badge status="success" text="Success" />
      <Badge status="error" text="Error" />
      <Badge status="default" text="Default" />
      <Badge status="processing" text="Processing" />
      <Badge status="warning" text="Warning" />
    </Space>
  </>
);
```

```
export default App;
```

Colorful Badge

```
import React from 'react';
import { Badge, Divider, Space } from 'antd';

const colors = [
  'pink',
  'red',
  'yellow',
  'orange',
  'cyan',
  'green',
  'blue',
  'purple',
  'geekblue',
  'magenta',
  'volcano',
  'gold',
  'lime',
];

const App: React.FC = () => (
  <>
    <Divider orientation="left">Presets</Divider>
    <Space direction="vertical">
      {colors.map((color) => (
        <Badge key={color} color={color} text={color} />
      ))}
    </Space>
    <Divider orientation="left">Custom</Divider>
    <Space direction="vertical">
      <Badge color="#f50" text="#f50" />
      <Badge color="rgb(45, 183, 245)" text="rgb(45, 183, 245)" />
      <Badge color="hsl(102, 53%, 61%)" text="hsl(102, 53%, 61%)" />
      <Badge color="hwb(205 6% 9%)" text="hwb(205 6% 9%)" />
    </Space>
  </>
);

export default App;
```

Ribbon

```
import React from 'react';
import { Badge, Card, Space } from 'antd';

const App: React.FC = () => (
  <Space direction="vertical" size="middle" style={{ width: '100%' }}>
    <Badge.Ribbon text="Hippies">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="pink">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="red">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="cyan">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="green">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="purple">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="volcano">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
    <Badge.Ribbon text="Hippies" color="magenta">
      <Card title="Pushes open the window" size="small">
        and raises the spyglass.
      </Card>
    </Badge.Ribbon>
  </Space>
```

```
);  
  
export default App;
```

Ribbon Debug

Debug

```
import React from 'react';  
import { Badge, Card, Space } from 'antd';  
  
const App: React.FC = () => (  
  <Space direction="vertical" style={{ width: '100%' }}>  
    <Badge.Ribbon text="啦啦啦啦">  
      <Card>推开窗户举起望远镜</Card>  
    </Badge.Ribbon>  
    <Badge.Ribbon text="啦啦啦啦" color="purple">  
      <Card>推开窗户举起望远镜</Card>  
    </Badge.Ribbon>  
    <Badge.Ribbon text="啦啦啦啦" color="#2db7f5">  
      <Card>推开窗户举起望远镜</Card>  
    </Badge.Ribbon>  
    <Badge.Ribbon text="啦啦啦啦" color="#2db7f5" placement="start">  
      <Card>推开窗户举起望远镜</Card>  
    </Badge.Ribbon>  
    <Badge.Ribbon text="啦啦啦啦" color="#2db7f5" placement="end">  
      <Card>推开窗户举起望远镜</Card>  
    </Badge.Ribbon>  
  </Space>  
  
export default App;
```

Mixed usage

Debug

```
import React from 'react';  
import { Avatar, Badge, Space } from 'antd';  
  
const App: React.FC = () => (  
  <Space size="middle" wrap>  
    <Space size="middle" wrap>  
      <Badge count={5} status="success">  
        <Avatar shape="square" size="large" />  
      </Badge>  
    </Space>  
  </Space>  

```



```

    <Badge count={5} status="warning">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={5} color="blue">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={5} color="#fa541c">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge dot status="success">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge dot status="warning">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge dot status="processing">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge dot color="blue">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge dot color="#fa541c">
      <Avatar shape="square" size="large" />
    </Badge>
  </Space>

  <Space size="middle" wrap>
    <Badge count={0} showZero />
    <Badge count={0} showZero color="blue" />
    <Badge count={0} showZero color="#f0f" />
    <Badge count={0} showZero>
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={0} showZero color="blue">
      <Avatar shape="square" size="large" />
    </Badge>
  </Space>
</Space>
);

export default App;

```

Title

Debug

```
import React from 'react';
import { Avatar, Badge, Space } from 'antd';

const App: React.FC = () => (
  <Space size="large">
    <Badge count={5} title="Custom hover text">
      <Avatar shape="square" size="large" />
    </Badge>
    <Badge count={-5} title="Negative">
      <Avatar shape="square" size="large" />
    </Badge>
  </Space>
);

export default App;
```

Colorful Badge support count Debug

Debug

```
import React from 'react';
import { Badge, Space } from 'antd';

const colors = [
  'pink',
  'red',
  'yellow',
  'orange',
  'cyan',
  'green',
  'blue',
  'purple',
  'geekblue',
  'magenta',
  'volcano',
  'gold',
  'lime',
];

const AvatarItem = ({ color }: { color: string }) => (
  <div
    style={{
      width: 90,
      height: 90,
      lineHeight: '90px',
      background: '#ccc',
    }}
  >
```

```

        textAlign: 'center',
      }}
    >
      {color}
    </div>
  );

const App: React.FC = () => (
  <>
    <Space wrap size={['large', 'middle']}>
      {colors.map((color) => (
        <Badge color={color} count={44} key={color}>
          <AvatarItem color={color} />
        </Badge>
      ))}
    </Space>
    <Space wrap size={['large', 'middle']}>
      {colors.map((color) => (
        <Badge status="processing" color={color} text="loading" key={color}
      />
      ))}
    </Space>
  </>
);

export default App;

```

Component Token

Debug

```

import React from 'react';
import { NotificationOutlined } from '@ant-design/icons';
import { Avatar, Badge, ConfigProvider, Space } from 'antd';

/** Test usage. Do not use in your production. */
export default () => (
  <ConfigProvider
    theme={{
      components: {
        Badge: {
          indicatorHeight: 24,
          indicatorHeightSM: 18,
          dotSize: 4,
          textFontWeight: 'bold',
          statusSize: 8,

```

```

    },
  },
  }}
>
<Space direction="vertical">
  <Badge count={5}>
    <Avatar shape="square" size="large" />
  </Badge>
  <Badge count={26} />
  <Badge dot>
    <NotificationOutlined />
  </Badge>
  <Badge status="success" text="Success" />
  <Badge size="small" count={0} showZero />
</Space>
</ConfigProvider>
);

```

API

Common props ref: [Common props](#)

Badge

Property	Description	Type	Default	Version
color	Customize Badge dot color	string	-	
count	Number to show in badge	ReactNode	-	
classNames	Semantic DOM class	Record<SemanticDOM, string>	-	5.7.0
dot	Whether to display a red dot instead of count	boolean	false	
offset	Set offset of the badge dot	[number, number]	-	
overflowCount	Max count to show	number	99	
showZero	Whether to show badge when count is zero	boolean	false	

size	If count is set, size sets the size of badge	default small	-	-
status	Set Badge as a status dot	success processing default error warning	-	
styles	Semantic DOM style	Record<SemanticDOM, CSSProperties>	-	5.7.0
text	If status is set, text sets the display text of the status dot	ReactNode	-	
title	Text to show when hovering over the badge	string	-	

Badge.Ribbon

Property	Description	Type	Default	Version
color	Customize Ribbon color	string	-	
placement	The placement of the Ribbon, start and end follow text direction (RTL or LTR)	start end	end	
text	Content inside the Ribbon	ReactNode	-	

Semantic DOM

演示

```
import React from 'react';
import { Avatar, Badge } from 'antd';

import SemanticPreview from '../../../.dumi/components/SemanticPreview';
import useLocale from '../../../.dumi/hooks/useLocale';

const locales = {
  cn: {
    root: '根元素',
    indicator: '指示器元素',
  },
  en: {
    root: 'Root element',
    indicator: 'Indicator element',
  },
}
```

```
    },  
  };  
  
  const App: React.FC = () => {  
    const [locale] = useLocale(locales);  
    return (  
      <SemanticPreview  
        componentName="Badge"  
        semantics={[  
          { name: 'root', desc: locale.root, version: '5.7.0' },  
          { name: 'indicator', desc: locale.indicator, version: '5.7.0' },  
        ]}  
      >  
        <Badge count={5}>  
          <Avatar shape="square" size="large" />  
        </Badge>  
      </SemanticPreview>  
    );  
  };  
  
  export default App;
```

Design Token