

何时使用 {#when-to-use}

一般出现在通知图标或头像的右上角，用于显示需要处理的消息条数，通过醒目视觉形式吸引用户处理。

代码演示

基本

```
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;
```

独立使用

```
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} />
      <Badge
        className="site-badge-count-109"
      />
    </Space>
  );
};
```

```

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

export default App;

```

封顶数字

```

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;

```

讨厌的小红点

```

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>
    <Badge dot>

```

```

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

export default App;

```

动态

```

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>
    </Space>
  );

```

```

        <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;

```

可点击

```

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;

```

自定义位置偏移

```

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;

```

大小

```
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;
```

状态点

```
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;
```

多彩徽标

```
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;
```

缎带

```
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;
```

各种混用的情况

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>
      <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;

```

自定义标题

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;
```

多彩徽标支持 count 显示 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;

```

组件 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

通用属性参考: [通用属性](#)

Badge

参数	说明	类型	默认值	版本
color	自定义小圆点的颜色	string	-	
count	展示的数字，大于 overflowCount 时显示为 \${overflowCount}+, 为 0 时隐藏	ReactNode	-	
classNames	语义化结构 class	Record<SemanticDOM, string>	-	5.7.0
dot	不展示数字，只有一个小红点	boolean	false	
offset	设置状态点的位置偏移	[number, number]	-	
overflowCount	展示封顶的数字值	number	99	
showZero	当数值为 0 时，是否展示 Badge	boolean	false	
size	在设置了 count 的前提下有效，设置小圆点的大小	default small	-	-

status	设置 Badge 为状态点	success processing default error warning	-	
styles	语义化结构 style	Record<SemanticDOM, CSSProperties>	-	5.7.0
text	在设置了 status 的前提下有效，设置状态点的文本	ReactNode	-	
title	设置鼠标放在状态点上时显示的文字	string	-	

Badge.Ribbon

参数	说明	类型	默认值	版本
color	自定义缎带的颜色	string	-	
placement	缎带的位置，start 和 end 随文字方向（RTL 或 LTR）变动	start end	end	
text	缎带中填入的内容	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;
```

主题变量 (Design Token)