

# Space

Set components spacing.

## When To Use

- Avoid components clinging together and set a unified space.
- Use Space.Compact when child form components are compactly connected and the border is collapsed (After version `antd@4.24.0` Supported).

## Examples

Space

Button

Click to Upload

Confirm

### Basic Usage [✎](#)

Crowded components horizontal spacing.

```
import React from 'react';
import { UploadOutlined } from '@ant-design/icons';
import { Button, Popconfirm, Space, Upload } from 'antd';

const App: React.FC = () => (
  <Space>
    Space
    <Button type="primary">Button</Button>
    <Upload>
      <Button>
        <UploadOutlined /> Click to Upload
      </Button>
    </Upload>
    <Popconfirm title="Are you sure delete this task?" okText="Yes" cancelText="No">
      <Button>Confirm</Button>
    </Popconfirm>
  </Space>
);

export default App;
```

### Card

Card content  
Card content

### Card

Card content  
Card content

### Card

Card content  
Card content

## Vertical Space

Crowded components vertical spacing.

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

const App: React.FC = () => (
  <Space direction="vertical" size="middle" style={{ display: 'flex' }}>
    <Card title="Card" size="small">
      <p>Card content</p>
      <p>Card content</p>
    </Card>
    <Card title="Card" size="small">
      <p>Card content</p>
      <p>Card content</p>
    </Card>
    <Card title="Card" size="small">
      <p>Card content</p>
      <p>Card content</p>
    </Card>
  </Space>
);

export default App;
```

☒ Small ☐ Middle ☐ Large

Primary

Default

Dashed

[Link](#)

### Space Size

`large`, `middle` and `small` preset sizes.

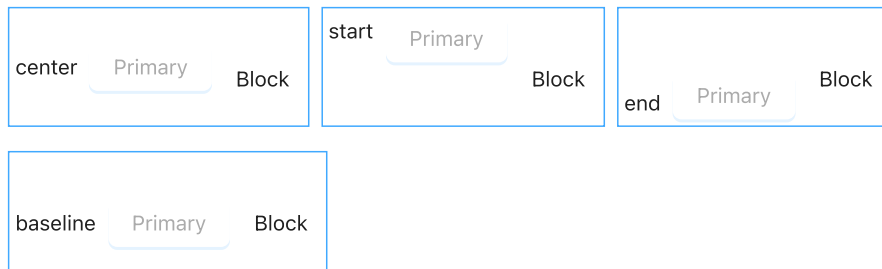
Set the size to `large` and `middle` by setting size to large and middle respectively. If `size` is not set, the spacing is `small`.

```
import React, { useState } from 'react';
import { Button, Radio, Space } from 'antd';
import type { SpaceSize } from 'antd/es/space';

const App: React.FC = () => {
  const [size, setSize] = useState<SpaceSize | [SpaceSize, SpaceSize]>('small');

  return (
    <>
      <Radio.Group value={size} onChange={(e) => setSize(e.target.value)}>
        <Radio value="small">Small</Radio>
        <Radio value="middle">Middle</Radio>
        <Radio value="large">Large</Radio>
      </Radio.Group>
      <br />
      <br />
      <Space size={size}>
        <Button type="primary">Primary</Button>
        <Button>Default</Button>
        <Button type="dashed">Dashed</Button>
        <Button type="link">Link</Button>
      </Space>
    </>
  );
};

export default App;
```



## Align

Config item align.

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

const App: React.FC = () => (
  <div className="space-align-container">
    <div className="space-align-block">
      <Space align="center">
        center
        <Button type="primary">Primary</Button>
        <span className="mock-block">Block</span>
      </Space>
    </div>
    <div className="space-align-block">
      <Space align="start">
        start
        <Button type="primary">Primary</Button>
        <span className="mock-block">Block</span>
      </Space>
    </div>
    <div className="space-align-block">
      <Space align="end">
        end
        <Button type="primary">Primary</Button>
        <span className="mock-block">Block</span>
      </Space>
    </div>
    <div className="space-align-block">
      <Space align="baseline">
        baseline
        <Button type="primary">Primary</Button>
        <span className="mock-block">Block</span>
      </Space>
    </div>
  </div>
);

export default App;
```



Primary

Default

Dashed

Link

### Customize Size

Custom spacing size.

```
import React, { useState } from 'react';
import { Button, Slider, Space } from 'antd';

const App: React.FC = () => {
  const [size, setSize] = useState(8);

  return (
    <>
      <Slider value={size} onChange={(value) => setSize(value)} />
      <br />
      <br />
      <Space size={size}>
        <Button type="primary">Primary</Button>
        <Button>Default</Button>
        <Button type="dashed">Dashed</Button>
        <Button type="link">Link</Button>
      </Space>
    </>
  );
};

export default App;
```

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

Button

### Wrap

Auto wrap line.

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

const App: React.FC = () => (
  <Space size={[8, 16]} wrap>
    {new Array(20).fill(null).map((_, index) => (
      // eslint-disable-next-line react/no-array-index-key
      <Button key={index}>Button</Button>
    ))}
  </Space>
);

export default App;
```

[Link](#) | [Link](#) | [Link](#)

## Split

Crowded components split.

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

const App: React.FC = () => (
  <Space split={<Divider type="vertical" />}>
    <Typography.Link>Link</Typography.Link>
    <Typography.Link>Link</Typography.Link>
    <Typography.Link>Link</Typography.Link>
  </Space>
);

export default App;
```

0571	26888888
------	----------

Submit

Submit

Zhejiang

Xihu District, Hangzhou

Zhejiangggggg

Xihu District, Hangzhou

0571		26888888			+1	
------	--	----------	--	--	----	--

Option1	input content	12
---------	---------------	----

input content	Select date	
---------------	-------------	--

Start date	→ End date		input content	查询
------------	------------	--	---------------	----

input content	Start date	→ End date	
---------------	------------	------------	--

Option1-1	Option2-2
-----------	-----------

Between	Minimum	~	Maximum
---------	---------	---	---------

Sign Up	Email
---------	-------

Select time		Select Address	
-------------	--	----------------	--

Start time	→ End time		leaf1		Submit
------------	------------	--	-------	--	--------

Compact Mode for form component

Compact Mode for form component.

```
import React from 'react';
import { CopyOutlined } from '@ant-design/icons';
import {
  AutoComplete,
  Button,
  Cascader,
  DatePicker,
  Input,
  InputNumber,
  Select,
  Space,
  TimePicker,
  Tooltip,
  TreeSelect,
} from 'antd';

const { Option } = Select;
const { TreeNode } = TreeSelect;

const App: React.FC = () => (
  <div className="site-space-compact-wrapper">
    <Space.Compact block>
```





## Button Compact Mode [✎](#)

Button component compact example.

```
import React from 'react';
import {
  DownloadOutlined,
  EllipsisOutlined,
  HeartOutlined,
  LikeOutlined,
  CommentOutlined,
  StarOutlined,
  ShareAltOutlined,
  WarningOutlined,
  MailOutlined,
  MobileOutlined,
} from '@ant-design/icons';
import { Button, Menu, Dropdown, Space, Tooltip } from 'antd';
```

```
const App: React.FC = () => (
  <div>
    <Space.Compact block>
      <Tooltip title="Like">
        <Button icon={<LikeOutlined />} />
      </Tooltip>
      <Tooltip title="Comment">
        <Button icon={<CommentOutlined />} />
      </Tooltip>
      <Tooltip title="Star">
        <Button icon={<StarOutlined />} />
      </Tooltip>
      <Tooltip title="Heart">
        <Button icon={<HeartOutlined />} />
      </Tooltip>
      <Tooltip title="Share">
        <Button icon={<ShareAltOutlined />} />
      </Tooltip>
      <Tooltip title="Download">
        <Button icon={<DownloadOutlined />} />
      </Tooltip>
      <Dropdown
        placement="bottomRight"
        overlay={
          <Menu
            items={[
              {
                key: '1',
                label: 'Report',
                icon: <WarningOutlined />,
              },
              {
                key: '2',
                label: 'Mail',
                icon: <MailOutlined />,
              },
              {
                key: '3',
                label: 'Mobile',
                icon: <MobileOutlined />,
              },
            ]}
          />
        />
    </div>
  )
);
```

Button 1	Button 1	Button 1
Button 2	Button 2	Button 2
Button 3	Button 3	Button 3

## Vertical Compact Mode [✎](#)

Vertical Mode for Space.Compact, support Button only.

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

const App: React.FC = () => (
  <Space>
    <Space.Compact direction="vertical">
      <Button>Button 1</Button>
      <Button>Button 2</Button>
      <Button>Button 3</Button>
    </Space.Compact>
    <Space.Compact direction="vertical">
      <Button type="dashed">Button 1</Button>
      <Button type="dashed">Button 2</Button>
      <Button type="dashed">Button 3</Button>
    </Space.Compact>
    <Space.Compact direction="vertical">
      <Button type="primary">Button 1</Button>
      <Button type="primary">Button 2</Button>
      <Button type="primary">Button 3</Button>
    </Space.Compact>
  </Space>
);

export default App;
```

```
      label: '1st item',
    },
    {
      key: '2',
      label: '2nd item',
    },
    {
      key: '3',
      label: '3rd item',
    },
  ]}
  />
}
trigger={['click']]
>
  <Button type="primary" icon={ <EllipsisOutlined /> } />
</Dropdown>
</Space.Compact>
</div>
);

export default App;
```

```
    {
      value: 'xihu',
      label: 'West Lake',
    },
  ],
},
],
},
{
  value: 'jiangsu',
  label: 'Jiangsu',
  children: [
    {
      value: 'nanjing',
```

```
      label: 'Nanjing',
      children: [
        {
          value: 'zhonghuamen',
          label: 'Zhong Hua Men',
        },
      ],
    },
  ],
},
],
},
]]
placeholder="Select Address"
/>
</Space.Compact>
<br />
<Space.Compact block>
  <TimePicker.RangePicker />
  <TreeSelect
    showSearch
    style={{ width: '60%' }}
    value="leaf1"
    dropdownStyle={{ maxHeight: 400, overflow: 'auto' }}
    placeholder="Please select"
    allowClear
    treeDefaultExpandAll
    onChange={() => {}}
  >
    <TreeNode value="parent 1" title="parent 1">
      <TreeNode value="parent 1-0" title="parent 1-0">
        <TreeNode value="leaf1" title="leaf1" />
        <TreeNode value="leaf2" title="leaf2" />
      </TreeNode>
      <TreeNode value="parent 1-1" title="parent 1-1">
        <TreeNode value="leaf3" title={<b style={{ color: '#08c' }}>leaf3</b>} />
      </TreeNode>
    </TreeNode>
  </TreeSelect>
  <Button type="primary">Submit</Button>
</Space.Compact>
<br />
</div>
);

export default App;
```

API

Property	Description	Type	Default	Version
align	Align items	<code>start</code>   <code>end</code>   <code>center</code>   <code>baseline</code>	-	4.2.0
direction	The space direction	<code>vertical</code>   <code>horizontal</code>	<code>horizontal</code>	4.1.0
size	The space size	<a href="#">Size</a>   <a href="#">Size[]</a>	<code>small</code>	4.1.0   Array: 4.9.0
split	Set split	<code>ReactNode</code>	-	4.7.0
wrap	Auto wrap line, when <code>horizontal</code> effective	<code>boolean</code>	<code>false</code>	4.9.0

## Size

'small' | 'middle' | 'large' | number

## Space.Compact

Use Space.Compact when child form components are compactly connected and the border is collapsed. The supported components are:

- Button
- AutoComplete
- Cascader
- DatePicker
- Input/Input.Search
- Select
- TimePicker
- TreeSelect

Property	Description	Type	Default	Version
block	Option to fit width to its parent's width	boolean	false	4.24.0
direction	Set direction of layout	vertical   horizontal	horizontal	4.24.0
size	Set child component size	large   middle   small	middle	4.24.0

## Design Token