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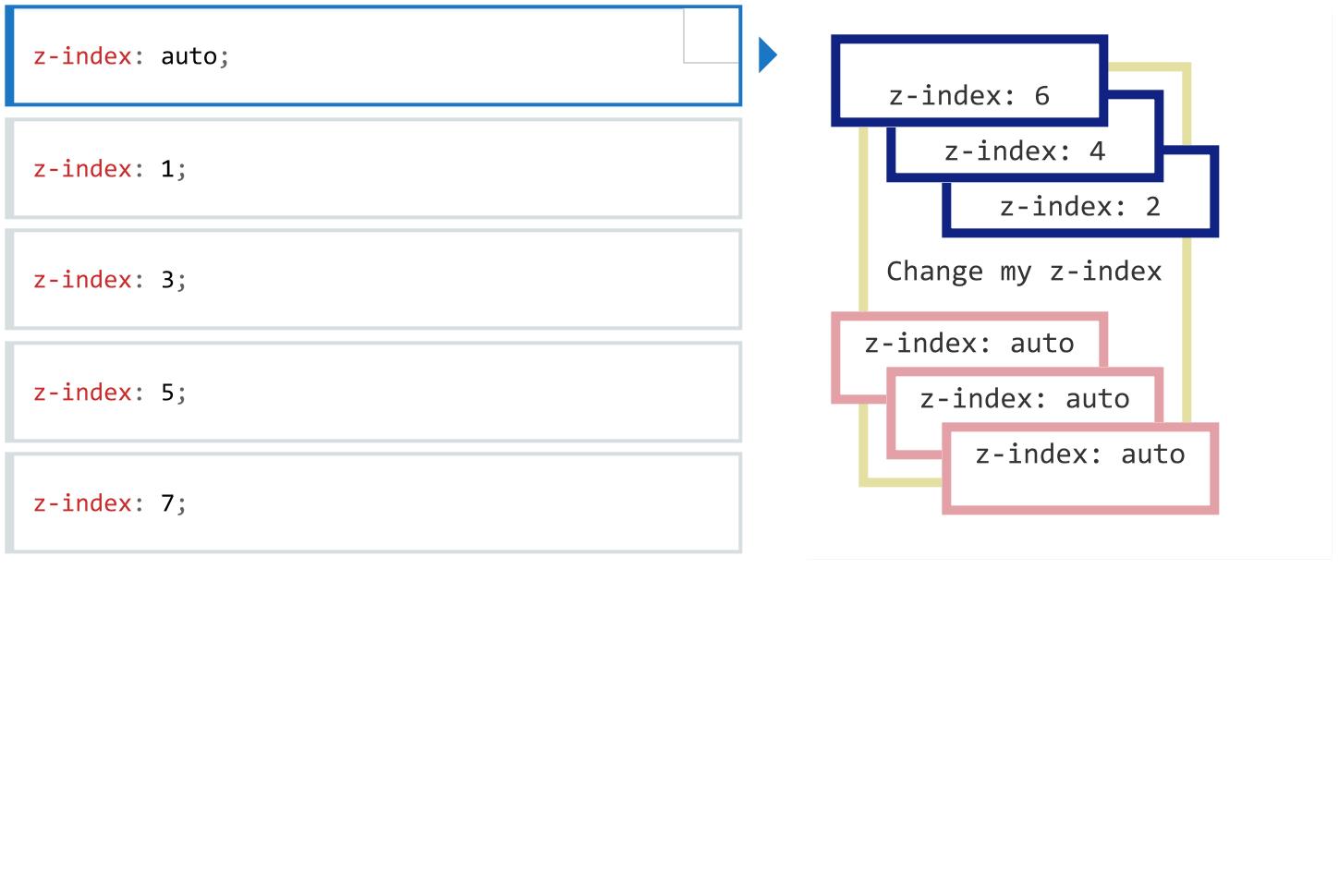
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z-index

The **z-index** CSS property sets the z-order of a positioned element and its descendants or flex items. Overlapping elements with a larger z-index cover those with a smaller one.

CSS Demo: z-index

[Reset](#)

For a positioned box (that is, one with any position other than static), the z-index property specifies:

1. The stack level of the box in the current stacking context.
2. Whether the box establishes a local stacking context.

Syntax ⚡

```
/* Keyword value */  
z-index: auto;  
  
/* <integer> values */  
z-index: 0;
```

```
z-index: 3;  
z-index: 289;  
z-index: -1; /* Negative values to lower the priority */  
  
/* Global values */  
z-index: inherit;  
z-index: initial;  
z-index: unset;
```

The `z-index` property is specified as either the keyword `auto` or an `<integer>`.

Values

`auto`

The box does not establish a new local stacking context. The stack level of the generated box in the current stacking context is the same as its parent's box.

`<integer>`

This `<integer>` is the stack level of the generated box in the current stacking context. The box also establishes a local stacking context in which its stack level is `0`. This means that the `z-indexes` of descendants are not compared to the `z-indexes` of elements outside this element.

Formal syntax

```
auto | <integer>
```

Examples

HTML

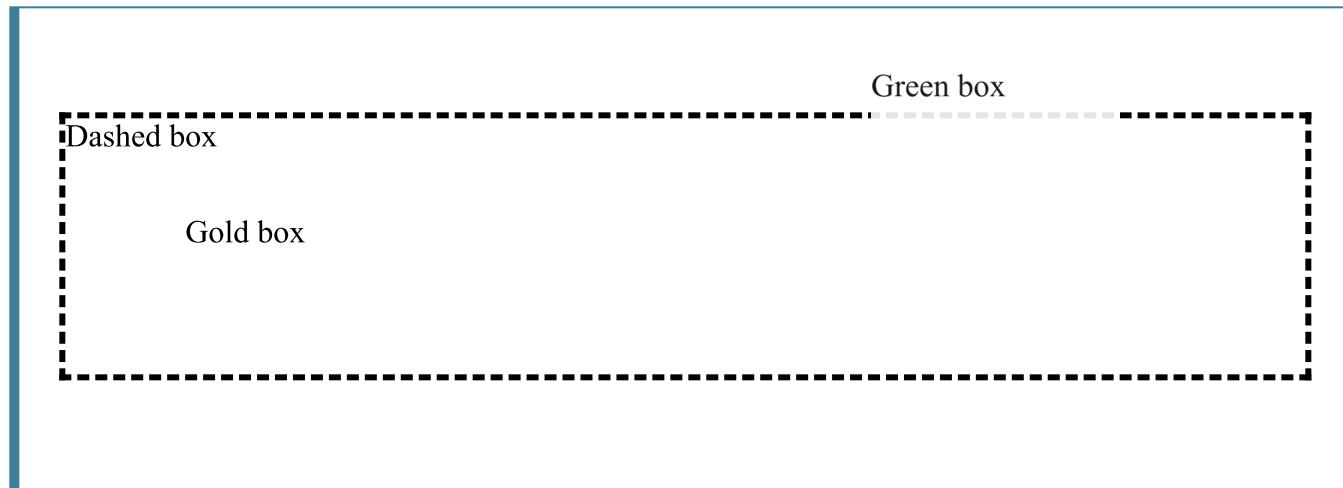
```
1  <div class="dashed-box">Dashed box  
2      <span class="gold-box">Gold box</span>  
3
```

```
4 |     <span class="green-box">Green box</span>
|   </div>
```

CSS 🔗

```
1 | .dashed-box {
2 |   position: relative;
3 |
4 |   border: dashed;
5 |
6 |   height: 8em;
7 |   margin-bottom: 1em;
8 |   margin-top: 2em;
9 |
10| }
11| .gold-box {
12|   ...
13|
14|   z-index: 3; /* put .gold-box above .green-box and .dashed-box */
15|   background: gold;
16|   width: 80%;
17|   left: 60px;
18|   top: 3em;
19|
20| }
21| .green-box {
22|   ...
23|
24|   z-index: 2; /* put .green-box above .dashed-box */
25|   background: lightgreen;
26|   width: 20%;
```

Result 🔗



Specifications 🔗

Specification	Status	Comment
CSS Transitions The definition of 'animation behavior for z-index' in that specification.	WD Working Draft	Defines z-index as animatable.
CSS Level 2 (Revision 1) The definition of 'z-index' in that specification.	REC Recommendation	Initial definition

Initial value	auto
Applies to	positioned elements
Inherited	no
Media	visual
Computed value	as specified
Animation type	an integer
Canonical order	the unique non-ambiguous order defined by the formal grammar
Creates stacking	yes

context

Browser compatibility

[Update compatibility data on GitHub](#)

Basic support

Chrome	1
Edge	12
Firefox	1
IE	4
Opera	4
Safari	1
WebView Android	Yes
Chrome Android	Yes
Edge Mobile	Yes
Firefox Android	4
Opera Android	Yes
Safari iOS	Yes
Samsung Internet Android	Yes

Negative values

Chrome	1
Edge	12
Firefox	3
IE	4
Opera	4

Safari	1
WebView Android	Yes
Chrome Android	Yes
Edge Mobile	Yes
Firefox Android	Yes
Opera Android	Yes
Safari iOS	Yes
Samsung Internet Android	Yes



Full support

See also

- [CSS position property](#)
- [Understanding CSS z-indexes](#)