

- CSS Selectors
- CSS How To
- CSS Comments
- CSS Colors
- CSS Backgrounds
- CSS Borders
- CSS Margins
- CSS Padding
- CSS Height/Width
- CSS Box Model
- CSS Outline
- CSS Text
- CSS Fonts
- CSS Icons
- CSS Links
- CSS Lists
- CSS Tables
- CSS Display
- CSS Max-width
- CSS Position
- CSS Z-index
- CSS Overflow
- CSS Float
- CSS Inline-block
- CSS Align
- CSS Combinators
- CSS Pseudo-class
- CSS Pseudo-element
- CSS Opacity
- CSS Navigation Bar
- CSS Dropdowns
- CSS Image Gallery
- CSS Image Sprites
- CSS Attr Selectors
- CSS Forms
- CSS Counters
- CSS Website Layout
- CSS Units
- CSS Specificity
- CSS Important
- CSS Math Functions

CSS Advanced

- CSS Rounded Corners
- CSS Border Images
- CSS Backgrounds
- CSS Colors
- CSS Color Keywords
- CSS Gradients
- CSS Shadows
- CSS Text Effects
- CSS Web Fonts
- CSS 2D Transforms
- CSS 3D Transforms
- CSS Transitions
- CSS Animations
- CSS Tooltips
- CSS Style Images
- CSS Image Reflection
- CSS object-fit
- CSS object-position
- CSS Masking
- CSS Buttons
- CSS Pagination
- CSS Multiple Columns
- CSS User Interface
- CSS Variables
- The var() Function
- Overriding Variables
- Variables and JavaScript
- Variables in Media Queries
- CSS Box Sizing
- CSS Media Queries
- CSS MQ Examples
- CSS Flexbox

CSS Responsive

- RWD Intro
- RWD Viewport
- RWD Grid View
- RWD Media Queries
- RWD Images
- RWD Videos
- RWD Frameworks
- RWD Templates

CSS Grid

- Grid Intro
- Grid Container
- Grid Item

CSS SASS

- SASS Tutorial

CSS Examples

- CSS Templates
- CSS Examples
- CSS Editor
- CSS Snippets
- CSS Quiz
- CSS Exercises
- CSS Bootcamp
- CSS Certificate

CSS References

- CSS Reference
- CSS Selectors
- CSS Functions
- CSS Reference Aural
- CSS Web Safe Fonts
- CSS Animatable
- CSS Units
- CSS PX-EM Converter
- CSS Colors
- CSS Color Values
- CSS Default Values
- CSS Browser Support

CSS Overriding Variables

Previous

Next

Override Global Variable With Local Variable

From the previous page we have learned that global variables can be accessed/used through the entire document, while local variables can be used only inside the selector where it is declared.

Look at the example from the previous page:

Example

```
:root {
  --blue: #1e90ff;
  --white: #ffffff;
}

body {
  background-color: var(--blue);
}

h2 {
  border-bottom: 2px solid var(--blue);
}

.container {
  color: var(--blue);
  background-color: var(--white);
  padding: 15px;
}

button {
  background-color: var(--white);
  color: var(--blue);
  border: 1px solid var(--blue);
  padding: 5px;
}
```

Try it Yourself »

Sometimes we want the variables to change only in a specific section of the page.

Assume we want a different color of blue for button elements. Then, we can re-declare the `--blue` variable inside the button selector. When we use `var(--blue)` inside this selector, it will use the local `--blue` variable value declared here.

We see that the local `--blue` variable will override the global `--blue` variable for the button elements:

Example

```
:root {
  --blue: #1e90ff;
  --white: #ffffff;
}

body {
  background-color: var(--blue);
}

h2 {
  border-bottom: 2px solid var(--blue);
}

.container {
  color: var(--blue);
  background-color: var(--white);
  padding: 15px;
}

button {
  --blue: #0000ff; /* local variable will override global */
  background-color: var(--white);
  color: var(--blue);
  border: 1px solid var(--blue);
  padding: 5px;
}
```

Try it Yourself »

Add a New Local Variable

If a variable is to be used at only one single place, we could also have declared a new local variable, like this:

Example

```
:root {
  --blue: #1e90ff;
  --white: #ffffff;
}

body {
  background-color: var(--blue);
}

h2 {
  border-bottom: 2px solid var(--blue);
}

.container {
  color: var(--blue);
  background-color: var(--white);
  padding: 15px;
}

button {
  --button-blue: #0000ff; /* new local variable */
  background-color: var(--white);
  color: var(--button-blue);
  border: 1px solid var(--button-blue);
  padding: 5px;
}
```

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- CSS Selectors
- CSS How To
- CSS Comments
- CSS Colors
- CSS Backgrounds
- CSS Borders
- CSS Margins
- CSS Padding
- CSS Height/Width
- CSS Box Model
- CSS Outline
- CSS Text
- CSS Fonts
- CSS Icons
- CSS Links
- CSS Lists
- CSS Tables
- CSS Display
- CSS Max-width
- CSS Position
- CSS Z-index
- CSS Overflow
- CSS Float
- CSS Inline-block
- CSS Align
- CSS Combinators
- CSS Pseudo-class
- CSS Pseudo-element
- CSS Opacity
- CSS Navigation Bar
- CSS Dropdowns
- CSS Image Gallery
- CSS Image Sprites
- CSS Attr Selectors
- CSS Forms
- CSS Counters
- CSS Website Layout
- CSS Units
- CSS Specificity
- CSS Important
- CSS Math Functions

CSS Advanced

- CSS Rounded Corners
- CSS Border Images
- CSS Backgrounds
- CSS Colors
- CSS Color Keywords
- CSS Gradients
- CSS Shadows
- CSS Text Effects
- CSS Web Fonts
- CSS 2D Transforms
- CSS 3D Transforms
- CSS Transitions
- CSS Animations
- CSS Tooltips
- CSS Style Images
- CSS Image Reflection
- CSS object-fit
- CSS object-position
- CSS Masking
- CSS Buttons
- CSS Pagination
- CSS Multiple Columns
- CSS User Interface
- CSS Variables
- The var() Function
- Overriding Variables
- Variables and JavaScript
- Variables in Media Queries
- CSS Box Sizing
- CSS Media Queries
- CSS MQ Examples
- CSS Flexbox

CSS Responsive

- RWD Intro
- RWD Viewport
- RWD Grid View
- RWD Media Queries
- RWD Images
- RWD Videos
- RWD Frameworks
- RWD Templates

CSS Grid

- Grid Intro
- Grid Container
- Grid Item

CSS SASS


- SASS Tutorial

CSS Examples

- CSS Templates
- CSS Examples
- CSS Editor
- CSS Snippets
- CSS Quiz
- CSS Exercises
- CSS Bootcamp
- CSS Certificate

CSS References

- CSS Reference
- CSS Selectors
- CSS Functions
- CSS Reference Aural
- CSS Web Safe Fonts
- CSS Animatable
- CSS Units
- CSS PX-EM Converter
- CSS Colors
- CSS Color Values
- CSS Default Values
- CSS Browser Support

| | | | | | |
|----------|---|---|---|---|---|
| Function |  |  |  |  |  |
| var() | 49.0 | 15.0 | 31.0 | 9.1 | 36.0 |

CSS var() Function

| Property | Description |
|----------|-------------------------------------|
| var() | Inserts the value of a CSS variable |

< Previous

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Next >

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- C++ Tutorial
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- HTML Reference
- CSS Reference
- JavaScript Reference
- SQL Reference
- Python Reference
- W3.CSS Reference
- Bootstrap Reference
- PHP Reference
- HTML, Colors
- Java Reference
- Angular Reference
- jQuery Reference

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- HTML Examples
- CSS Examples
- JavaScript Examples
- How To Examples
- SQL Examples
- Python Examples
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- Java Examples
- XML Examples
- jQuery Examples

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