

# Converting Colors

Hex(D15717)

Have a look what the booklet for  
Hex(D15717) contains.

<b>Hex(D15717)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D15717)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D15717
RGB	209, 87, 23
RGB Percent	82%, 34%, 9%
CMY	0.1804, 0.6588, 0.9098
CMYK	0.00, 0.58, 0.89, 0.18
HSL	21°, 80%, 45%
HSV	21°, 89%, 82%
XYZ	29.8573, 20.4336, 3.1810
YIQ	116.1820, 93.2560, 5.9600

# Conversions

## Conversions Part 2

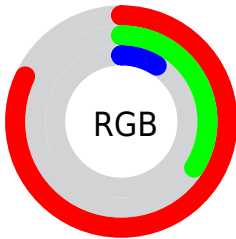
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 121, 23</a>
Decimal	<a href="#">13719319</a>
CIELab	<a href="#">52.32, 45.39, 56.20</a>
CIElCh	<a href="#">52, 72.244, 51.073</a>
Yxy	<a href="#">20.4336, 0.5584, 0.3821</a>
Android (android.graphics.Color)	<a href="#">4291909399 (0xFFD15717)</a>
YUV	<a href="#">116.1820, -45.9387, 81.4014</a>
Hunter-Lab	<a href="#">45.2035, 38.7948, 27.4701</a>

# Details

The Hex color **D15717** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1791D1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8C4B**, and **932100** is the 20% darker color. If you saturate the color by 10%, you get **D14902**, and if you desaturate by 10%, it is **D1652C**.

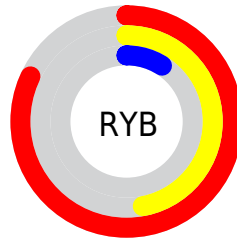
# Distribution



Red (82%)

Green (34%)

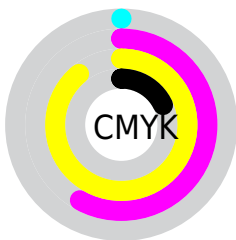
Blue (9%)



Red (82%)

Yellow (47%)

Blue (9%)

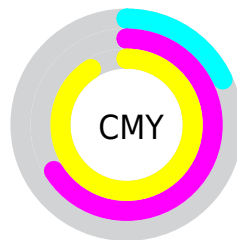


Cyan (0%)

Magenta (58%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (66%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D15717 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D15717 by changing the saturation by 10% instead.



 D15717

 D15717

FFFFFF

 B23D00

 FF8C4B

 932100

 FFA865

 740000

 FFC47F

 560000

 FFE099

 3B0001

 FFFDB5

 190001

 FFFFD1

 000000

 FFFFEE

 D15717

 D15717

 D14902

 D1652C

 D14800

 D17241

 D18056

 D18E6B

 D19C80

 D1A994

 D1B7A9

 D1C5BE

 D1D2D3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E73755



D15717



A67400

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D15717



009768



4975F2

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D15717



1791D1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008AF8



D15717



0098A8

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D15717



009225



0095DD



B455CC

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D15717



828100



0095DD



007DF8



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D15717



FFD2BA



D11793



806557



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D15717



FF5800



D1B217



69625E



A83A00



290E00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1791D1



00A7FF



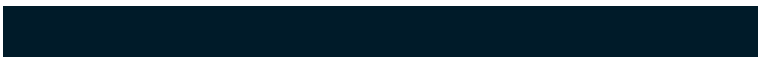
1736D1



5E6569



006EA8



001B29



# Previews

## White Background



This preview shows how the Hex color D15717 looks on a white background.

## Color Contrast Check

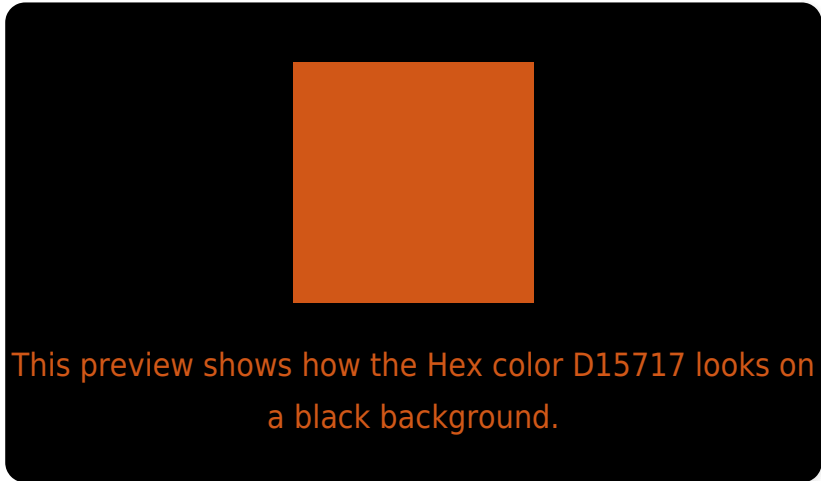
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D15717 Background



This preview shows how black text looks on a background with the Hex color D15717.



This preview shows how white text looks on a background with the Hex color D15717.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
D15717

**Protanopia**  
8D7E21

**Deuteranopia**  
9F7700

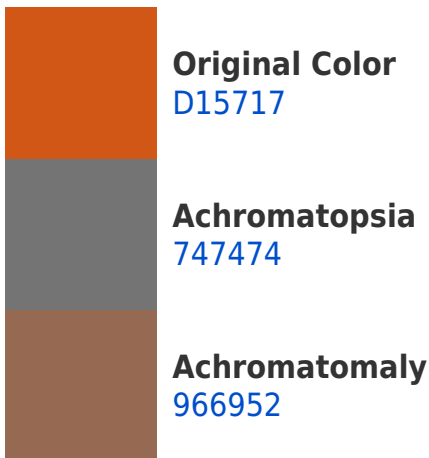


**Tritanopia**  
D35156

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D15717 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D15717 looks like.

```
.text, #text, p{  
    color:#D15717  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D15717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15717  
}
```

## Border

The CSS property to change the border of an element to Hex D15717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D15717 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D15717 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D15717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15717; -webkit-box-shadow:4px 4px  
4px 4px #D15717; box-shadow:4px 4px 4px  
4px #D15717 }
```

# Background

The CSS property to change the background color of an element to Hex D15717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15717 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D15717 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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