

# Converting Colors

Hex(C15E00)

Have a look what the booklet for  
Hex(C15E00) contains.

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**Color**

**Hex(C15E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C15E00
RGB	193, 94, 0
RGB Percent	76%, 37%, 0%
CMY	0.2431, 0.6314, 1.0000
CMYK	0.00, 0.51, 1.00, 0.24
HSL	29°, 100%, 38%
HSV	29°, 100%, 76%
XYZ	25.9950, 19.3429, 2.3635
YIQ	112.8850, 89.1780, -8.2460

# Conversions

## Conversions Part 2

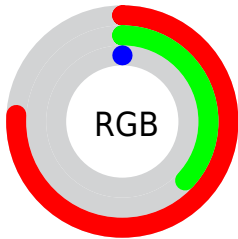
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 183, 0</a>
Decimal	<a href="#">12672512</a>
CIELab	<a href="#">51.09, 35.39, 59.88</a>
CIELCh	<a href="#">51, 69.552, 59.414</a>
Yxy	<a href="#">19.3429, 0.5450, 0.4055</a>
Android (android.graphics.Color)	<a href="#">4290862592 (0xFFC15E00)</a>
YUV	<a href="#">112.8850, -55.6523, 70.2609</a>
Hunter-Lab	<a href="#">43.9805, 28.5379, 27.6002</a>

# Details

The Hex color **C15E00** 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 **0063C1**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF923E**, and **842C00** is the 20% darker color. If you saturate the color by 10%, you get **C15E00**, and if you desaturate by 10%, it is **C16813**.

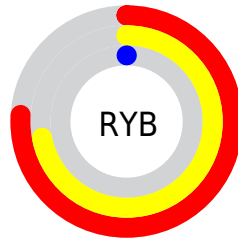
# Distribution



Red (76%)

Green (37%)

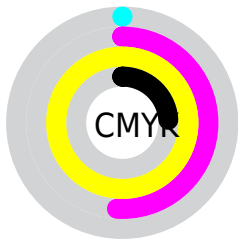
Blue (0%)



Red (76%)

Yellow (72%)

Blue (0%)

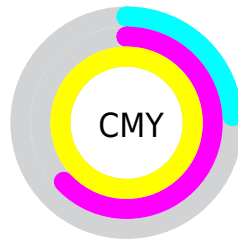


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C15E00 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 C15E00 by changing the saturation by 10% instead.



 C15E00

 C15E00

FFFFFF

 A24500

 FF923E

 842C00

 FFAD59

 661300

 FFC973

 490000

 FFE58E

 300001

 FFFFA9

 000000

 FFFFC5

 FFFF E2

 C15E00

 C16813

 C17227

 C17C3A

 C1864D

 C19061

 C19974

 C1A387

 C1AD9A

 C1B7AE

# Harmonies

## Analogous

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



DD4043



C15E00



947700

# Triad

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



C15E00



009377



716AE2

# Complementary

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



C15E00



0063C1

# 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.



0082F2



C15E00



0093B3

# Square

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



C15E00



009038



008FE0



BE4AB7

# Rectangle

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



C15E00



6F8200



008FE0



3E73EB



# Sweetspot

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



C15E00



FAD3AF



C10064



7D6650



FCFCFC



7D7D7D



# Same Dimension

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



C15E00



FA7A00



C1BE00



615C57



A14E00



211000



# Inverse Universe

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



0063C1



0080FA



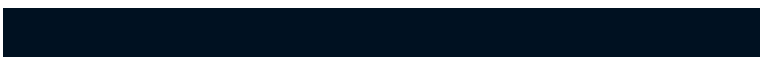
0003C1



575C61



0052A1



001121



# Previews

## White Background



This preview shows how the Hex color C15E00 looks on a white background.

## Color Contrast Check

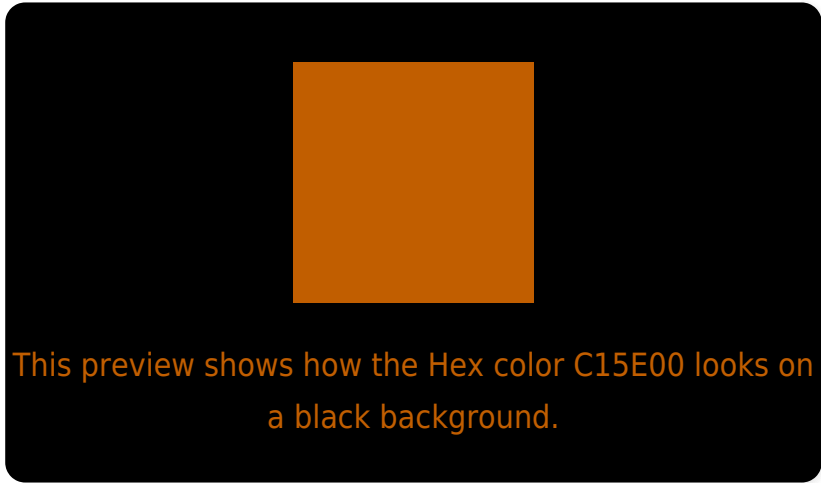
Large Text (above 18pt) WCAG AA ✓ Pass

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 C15E00 Background



This preview shows how black text looks on a background with the Hex color C15E00.



This preview shows how white text looks on a background with the Hex color C15E00.

# 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**  
C15E00

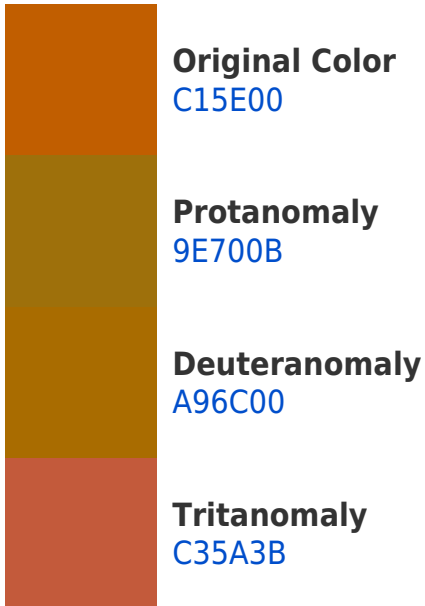
**Protanopia**  
8A7B11

**Deuteranopia**  
9B7400

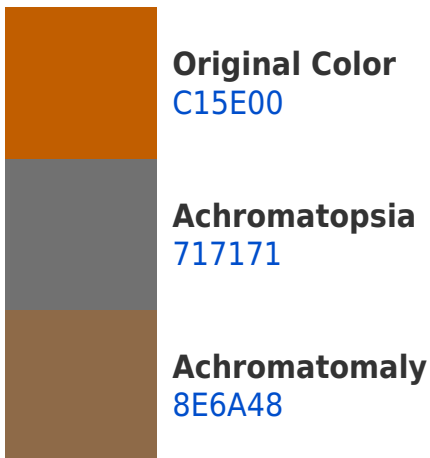


**Tritanopia**  
C4575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C15E00 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 #C15E00 looks like.

```
.text, #text, p{  
    color:#C15E00  
}
```

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 #C15E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C15E00
}
```

## Border

The CSS property to change the border of an element to Hex C15E00 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
#C15E00 }
```

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

```
.border{ border-color:#C15E00 }
```

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

Here you see how a box with a 4 pixel #C15E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C15E00; -webkit-box-shadow:4px 4px  
4px 4px #C15E00; box-shadow:4px 4px 4px  
4px #C15E00 }
```

# Background

The CSS property to change the background color of an element to Hex C15E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C15E00 }
```

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

```
.background{ background-color:#C15E00 }
```

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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