

Converting Colors

Hex(C15B00)

Have a look what the booklet for
Hex(C15B00) contains.

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Color

Hex(C15B00)

Conversions

Conversions Part 1

Format	Color
Hex	C15B00
RGB	193, 91, 0
RGB Percent	76%, 36%, 0%
CMY	0.2431, 0.6431, 1.0000
CMYK	0.00, 0.53, 1.00, 0.24
HSL	28°, 100%, 38%
HSV	28°, 100%, 76%
XYZ	25.7334, 18.8196, 2.2763
YIQ	111.1240, 90.0030, -6.6770

Conversions

Conversions Part 2

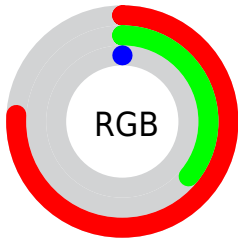
Format	Color
R_{YB}	193, 172, 0
Decimal	12671744
CIE Lab	50.48, 36.93, 59.52
CIE LCh	50, 70.044, 58.181
Yxy	18.8196, 0.5495, 0.4019
Android (android.graphics.Color)	4290861824 (0xFFC15B00)
YUV	111.1240, -54.7841, 71.8053
Hunter-Lab	43.3816, 29.9661, 27.2561

Details

The Hex color **C15B00** 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 **0066C1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8F3E**, and **842900** is the 20% darker color. If you saturate the color by 10%, you get **C15B00**, and if you desaturate by 10%, it is **C16513**.

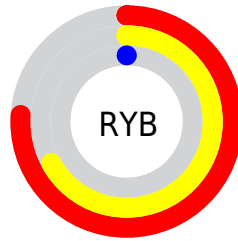
Distribution



Red (76%)

Green (36%)

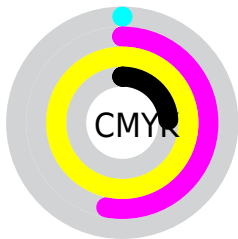
Blue (0%)



Red (76%)

Yellow (67%)

Blue (0%)

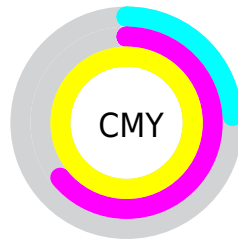


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C15B00 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 C15B00 by changing the saturation by 10% instead.

 C15B00

 C15B00

FFFFFFE

 A24200

 FF8F3E

 842900

 FFAA58

 660E00

 FFC672

 490000

 FFE28D

 310001

 FFFFA8

 000000

 FFFF C4

 FFFF E1

 C15B00

 C16513

 C16F27

 C17A3A

 C1844D

 C18E61

 C19874

 C1A287

 C1AD9A

 C1B7AE

Harmonies

Analogous

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



DC3C44



C15B00



947400

Triad

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



C15B00



009273



6A6AE3

Complementary

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



C15B00



0066C1

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.



0081F1



C15B00



0092AF

Square

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



C15B00



008E34



008DDE



BB49B8

Rectangle

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



C15B00



6F8000



008DDE



3073EB

Sweetspot

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



C15B00



FAD2AF



C10067



7D6550



FCFCFC



7D7D7D

Same Dimension

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



C15B00



FA7600



C1BB00



615C57



A14C00



211000

Inverse Universe

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



0066C1



0084FA



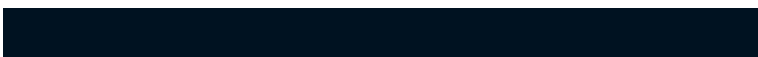
0006C1



575C61



0055A1



001221

Previews

White Background



This preview shows how the Hex color C15B00 looks on a white background.

Color Contrast Check

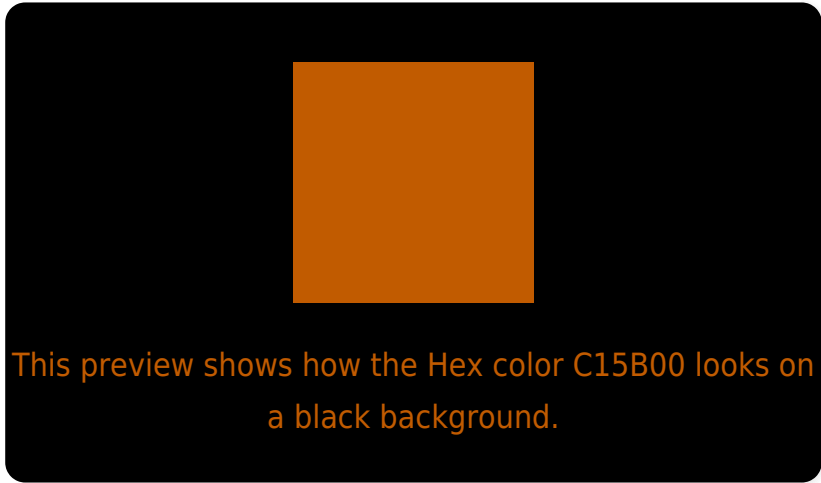
Large Text (above 18pt) WCAG AA ✓ Pass

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 C15B00 Background



This preview shows how black text looks on a background with the Hex color C15B00.



This preview shows how white text looks on a background with the Hex color C15B00.

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
C15B00

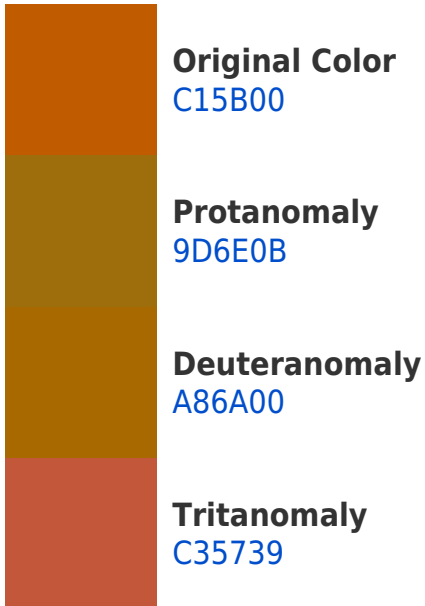
Protanopia
887911

Deuteranopia
997300



Tritanopia
C455A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C15B00 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 #C15B00 looks like.

```
.text, #text, p{  
    color:#C15B00  
}
```

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 #C15B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C15B00
}
```

Border

The CSS property to change the border of an element to Hex C15B00 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
#C15B00 }
```

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

```
.border{ border-color:#C15B00 }
```

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

Here you see how a box with a 4 pixel #C15B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C15B00; -webkit-box-shadow:4px 4px  
4px 4px #C15B00; box-shadow:4px 4px 4px  
4px #C15B00 }
```

Background

The CSS property to change the background color of an element to Hex C15B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C15B00 }
```

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

```
.background{ background-color:#C15B00 }
```

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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