

Converting Colors

Hex(C55C01)

Have a look what the booklet for
Hex(C55C01) contains.

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Color

Hex(C55C01)

Conversions

Conversions Part 1

Format	Color
Hex	C55C01
RGB	197, 92, 1
RGB Percent	77%, 36%, 0%
CMY	0.2275, 0.6392, 0.9961
CMYK	0.00, 0.53, 0.99, 0.23
HSL	28°, 99%, 39%
HSV	28°, 99%, 77%
XYZ	26.8586, 19.5268, 2.3822
YIQ	113.0210, 91.7910, -6.0410

Conversions

Conversions Part 2

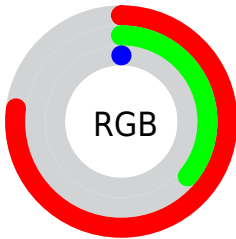
Format	Color
RYB	197, 171, 1
Decimal	12934145
CIELab	51.30, 38.03, 60.09
CIELCh	51, 71.117, 57.671
Yxy	19.5268, 0.5507, 0.4004
Android (android.graphics.Color)	4291124225 (0xFFC55C01)
YUV	113.0210, -55.2264, 73.6496
Hunter-Lab	44.1891, 31.1630, 27.7362

Details

The Hex color **C55C01** 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 **016AC5**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF903F**, and **882A00** is the 20% darker color. If you saturate the color by 10%, you get **C55B00**, and if you desaturate by 10%, it is **C56715**.

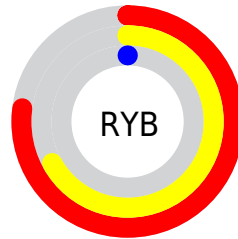
Distribution



Red (77%)

Green (36%)

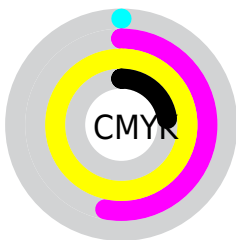
Blue (0%)



Red (77%)

Yellow (67%)

Blue (0%)

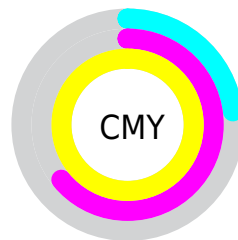


Cyan (0%)

Magenta (53%)

Yellow (99%)

Black (23%)



Cyan (23%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C55C01 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 C55C01 by changing the saturation by 10% instead.

 C55C01

 C55C01

FFFFFF

 A64300

 FF903F

 882A00

 FFAB59

 690E00

 FFC773

 4C0000

 FFE48E

 330001

 FFFFFA9

 010000

 FFFFFC5

 000000

 FFFFFE2

 C55C01

 C55C01

■ C55B00

■ C56715

■ C57128

■ C57C3C

■ C58650

■ C59164

■ C59B77

■ C5A68B

■ C5B09F

■ C5BBB2

Harmonies

Analogous

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



E03C46



C55C01



987600

Triad

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



C55C01



009473



696CE7

Complementary

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



C55C01



016AC5

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.



0083F5



C55C01



0095B1

Square

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



C55C01



009033



0090E1



BD4BBC

Rectangle

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



C55C01



728200



0090E1



2B75EF

Sweetspot

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



C55C01



FFD6B3



C5016D



806752



000000



808080

Same Dimension

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



C55C01



FF7600



C5BB01



635E5A



A34C00



241100

Inverse Universe

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



016AC5



0089FF



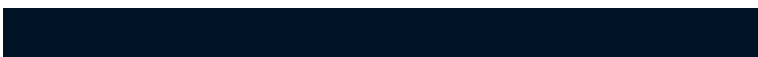
010BC5



5A5F63



0057A3



001324

Previews

White Background



This preview shows how the Hex color C55C01 looks on a white background.

Color Contrast Check

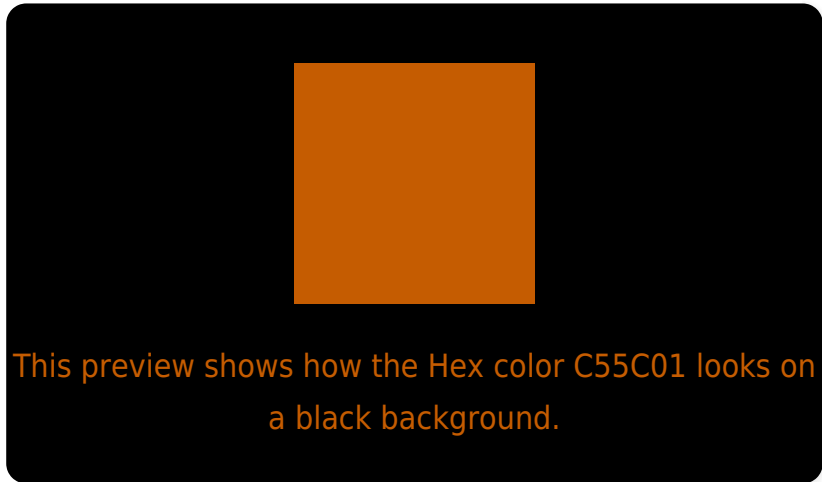
Large Text (above 18pt) WCAG AA ✓ Pass

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 C55C01 Background



This preview shows how black text looks on a background with the Hex color C55C01.



This preview shows how white text looks on a background with the Hex color C55C01.

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
C55C01

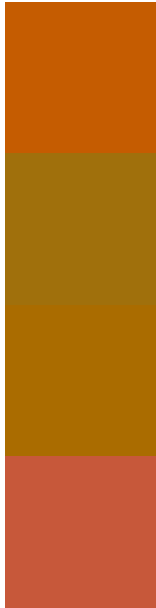
Protanopia
8B7B12

Deuteranopia
9B7500



Tritanopia
C8565B

Trichromacy



Original Color
C55C01

Protanomaly
A0700C

Deuteranomaly
AA6C00

Tritanomaly
C7583A

Monochromacy



Original Color
C55C01

Achromatopsia
717171

Achromatomaly
906948

CSS Examples

Text

The CSS property to change the color of the text to Hex C55C01 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 #C55C01 looks like.

```
.text, #text, p{  
    color:#C55C01  
}
```

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 #C55C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55C01
}
```

Border

The CSS property to change the border of an element to Hex C55C01 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
#C55C01 }
```

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

```
.border{ border-color:#C55C01 }
```

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

Here you see how a box with a 4 pixel #C55C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55C01; -webkit-box-shadow:4px 4px  
4px 4px #C55C01; box-shadow:4px 4px 4px  
4px #C55C01 }
```

Background

The CSS property to change the background color of an element to Hex C55C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55C01 }
```

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

```
.background{ background-color:#C55C01 }
```

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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