

Converting Colors

Hex(CC5107)

Have a look what the booklet for
Hex(CC5107) contains.

Hex(CC5107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(CC5107)

Conversions

Conversions Part 1

Format	Color
Hex	CC5107
RGB	204, 81, 7
RGB Percent	80%, 32%, 3%
CMY	0.2000, 0.6824, 0.9725
CMYK	0.00, 0.60, 0.97, 0.20
HSL	23°, 93%, 41%
HSV	23°, 97%, 80%
XYZ	27.8826, 18.7376, 2.3481
YIQ	109.3410, 97.0620, 3.0620

Conversions

Conversions Part 2

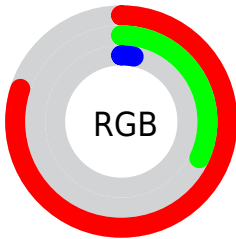
Format	Color
R_{YB}	204, 126, 7
Decimal	13390087
CIE _{Lab}	50.38, 46.11, 58.78
CIE _{LCh}	50, 74.706, 51.885
Yxy	18.7376, 0.5694, 0.3826
Android (android.graphics.Color)	4291580167 (0xFFCC5107)
YUV	109.3410, -50.4541, 83.0159
Hunter-Lab	43.2869, 39.2260, 27.0846

Details

The Hex color **CC5107** 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 **0782CC**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF8641**, and **8E1A00** is the 20% darker color. If you saturate the color by 10%, you get **CC4D00**, and if you desaturate by 10%, it is **CC5E1B**.

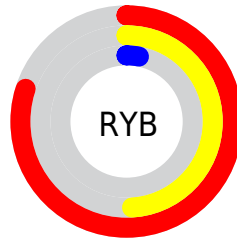
Distribution



Red (80%)

Green (32%)

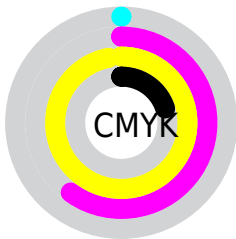
Blue (3%)



Red (80%)

Yellow (49%)

Blue (3%)

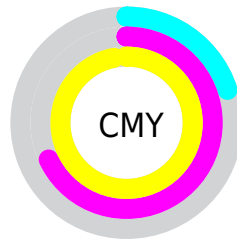


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (20%)



Cyan (20%)

Magenta (68%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC5107 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 CC5107 by changing the saturation by 10% instead.

 CC5107

 CC5107

FFFFFF

 AD3700

 FF8641

 8E1A00

 FFA15A

 6F0000

 FFBD74

 510000

 FFDA8F

 370002

 FFF7AA

 0C0000

 FFFFC6

 000000

 FFFF3

 CC5107

 CC5107

■ CC4D00

■ CC5E1B

■ CC6A30

■ CC7744

■ CC8459

■ CC916D

■ CC9D81

■ CCAA96

■ CCB7AA

■ CCC4BF

Harmonies

Analogous

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



E42B4D



CC5107



A06F00

Triad

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



CC5107



009264



416FF0

Complementary

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



CC5107



0782CC

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.



0085F7



CC5107



0093A6

Square

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



CC5107



008D1E



0090DC



B14CC8

Rectangle

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



CC5107



7A7D00



0090DC



0078F6

Sweetspot

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



CC5107



FFD1B5



CC0784



806453



000000



808080

Same Dimension

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



CC5107



FF6000



CCB207



66605C



A63E00



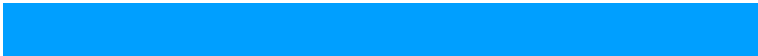
260E00

Inverse Universe

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



0782CC



009FFF



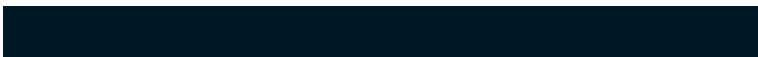
0721CC



5C6266



0067A6



001826

Previews

White Background



This preview shows how the Hex color CC5107 looks on a white background.

Color Contrast Check

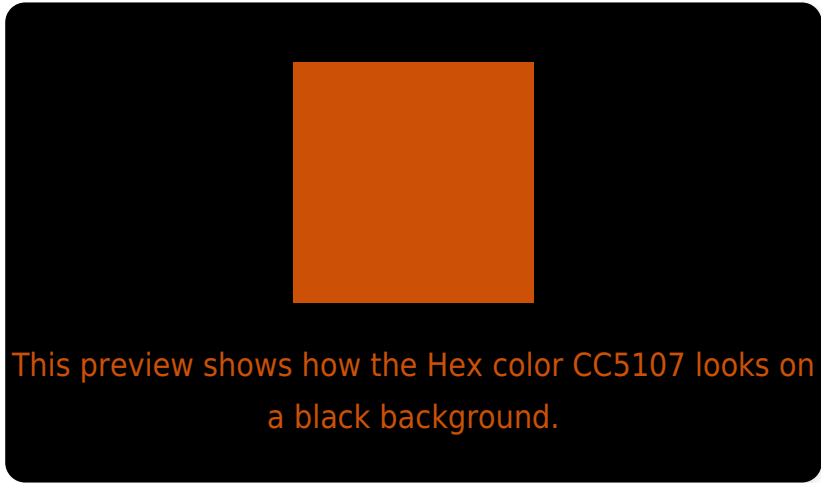
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC5107 Background



This preview shows how black text looks on a background with the Hex color CC5107.

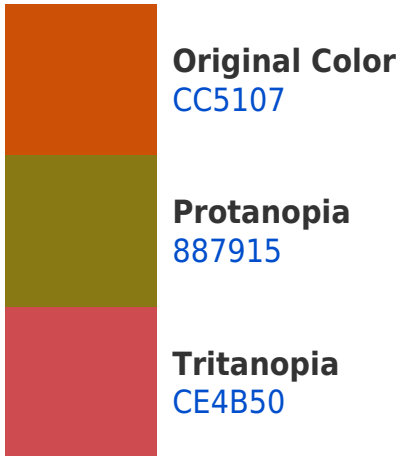


This preview shows how white text looks on a background with the Hex color CC5107.

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



Trichromacy



Original Color
CC5107

Protanomaly
A16A10

Tritanomaly
CD4D35

Monochromacy



Original Color
CC5107

Achromatopsia
6D6D6D

Achromatomaly
906348

CSS Examples

Text

The CSS property to change the color of the text to Hex CC5107 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 #CC5107 looks like.

```
.text, #text, p{  
    color:#CC5107  
}
```

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 #CC5107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5107
}
```

Border

The CSS property to change the border of an element to Hex CC5107 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
#CC5107 }
```

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

```
.border{ border-color:#CC5107 }
```

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

Here you see how a box with a 4 pixel #CC5107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5107; -webkit-box-shadow:4px 4px  
4px 4px #CC5107; box-shadow:4px 4px 4px  
4px #CC5107 }
```

Background

The CSS property to change the background color of an element to Hex CC5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5107 }
```

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

```
.background{ background-color:#CC5107 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor