

Converting Colors

Hex(CC0700)

Have a look what the booklet for
Hex(CC0700) contains.

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Color

Hex(CC0700)

Conversions

Conversions Part 1

Format	Color
Hex	CC0700
RGB	204, 7, 0
RGB Percent	80%, 3%, 0%
CMY	0.2000, 0.9725, 1.0000
CMYK	0.00, 0.97, 1.00, 0.20
HSL	2°, 100%, 40%
HSV	2°, 100%, 80%
XYZ	24.9778, 12.9893, 1.1907
YIQ	65.1050, 119.6590, 39.5870

Conversions

Conversions Part 2

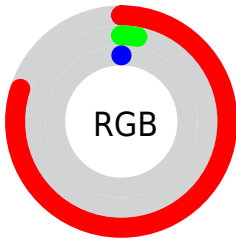
Format	Color
RYB	204, 7, 0
Decimal	13371136
CIELab	42.75, 67.04, 56.90
CIElCh	43, 87.932, 40.319
Yxy	12.9893, 0.6379, 0.3317
Android (android.graphics.Color)	4291561216 (0xFFCC0700)
YUV	65.1050, -32.0968, 121.8109
Hunter-Lab	36.0407, 60.6372, 23.2697

Details

The Hex color **CC0700** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00C5CC**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5735**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CC0700**, and if you desaturate by 10%, it is **CC1B14**.

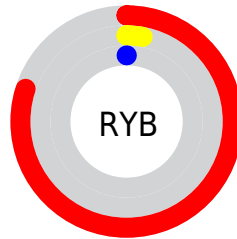
Distribution



Red (80%)

Green (3%)

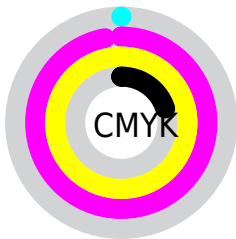
Blue (0%)



Red (80%)

Yellow (3%)

Blue (0%)

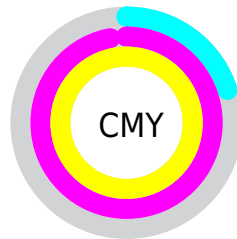


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0700 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 CC0700 by changing the saturation by 10% instead.

 CC0700

 CC0700

 FFFFEF

 AC0000

 FF5735

 8B0000

 FF744D

 6B0000

 FF9167

 4D0002

 FFAE80

 2F0002

 FFCC9B

 000000

 FFE9B6

 FFFFD2

 CC0700

 CC1B14

 CC2E29

 CC423D

 CC5652

 CC6A66

 CC7D7A

 CC918F

 CCA5A3

 CCB8B8

Harmonies

Analogous

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



DD0050



CC0700



A14E00

Triad

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



CC0700



007E2F



0068F8

Complementary

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



CC0700



00C5CC

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.



007BF1



CC0700



00817D

Square

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



CC0700



007800



0081C3



7F40D6

Rectangle

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



CC0700



7B6300



0081C3



0070FA

Sweetspot

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



CC0700



FFB5B3



CC00C5



805352



000000



808080

Same Dimension

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



CC0700



FF0900



CC6D00



665C5C



A60600



260100

Inverse Universe

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



00C5CC



00F6FF



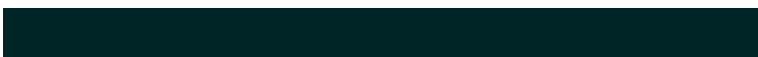
005FCC



5C6666



00A0A6



002526

Previews

White Background



This preview shows how the Hex color CC0700 looks on a white background.

Color Contrast Check

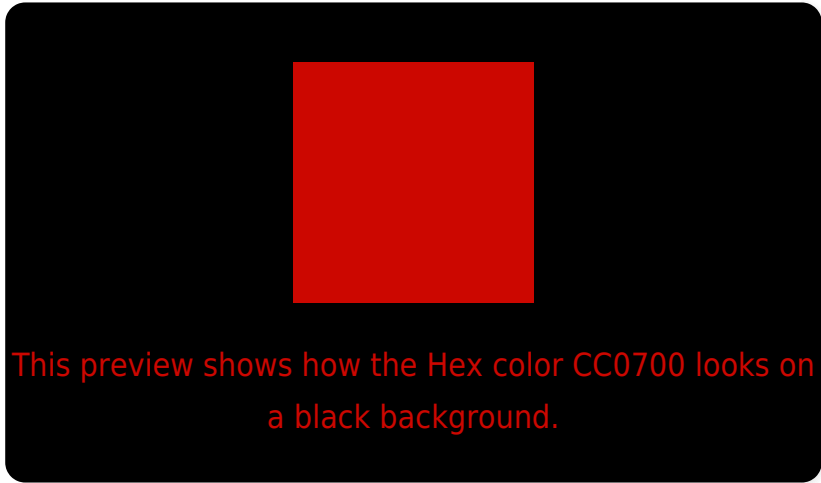
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex CC0700 Background



This preview shows how black text looks on a background with the Hex color CC0700.



This preview shows how white text looks on a background with the Hex color CC0700.

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
CC0700

Protanopia
74671A

Deuteranopia
826200

Trichromacy



Original Color
CC0700

Protanomaly
944411

Deuteranomaly
9D4100

Tritanomaly
CB0F00

Monochromacy



Original Color
CC0700

Achromatopsia
414141

Achromatomaly
742C29

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0700 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 #CC0700 looks like.

```
.text, #text, p{  
    color:#CC0700  
}
```

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 #CC0700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0700  
}
```

Border

The CSS property to change the border of an element to Hex CC0700 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".

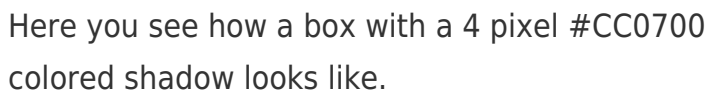
```
.border, #border, table{ border:4px solid  
#CC0700 }
```

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

```
.border{ border-color:#CC0700 }
```

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

Here you see how a box with a 4 pixel #CC0700 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0700; -webkit-box-shadow:4px 4px  
4px 4px #CC0700; box-shadow:4px 4px 4px  
4px #CC0700 }
```

Background

The CSS property to change the background color of an element to Hex CC0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0700 }
```

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

```
.background{ background-color:#CC0700 }
```

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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