

Converting Colors

Hex(CC1F04)

Have a look what the booklet for
Hex(CC1F04) contains.

Hex(CC1F04)	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>	29

Color

Hex(CC1F04)

Conversions

Conversions Part 1

Format	Color
Hex	CC1F04
RGB	204, 31, 4
RGB Percent	80%, 12%, 2%
CMY	0.2000, 0.8784, 0.9843
CMYK	0.00, 0.85, 0.98, 0.20
HSL	8°, 96%, 41%
HSV	8°, 98%, 80%
XYZ	25.4137, 13.8261, 1.4441
YIQ	79.6490, 111.7750, 28.2790

Conversions

Conversions Part 2

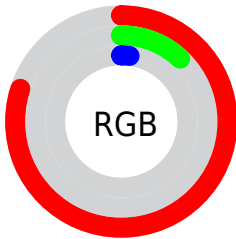
Format	Color
RYB	204, 35, 4
Decimal	13377284
CIELab	43.98, 63.57, 56.08
CIElCh	44, 84.770, 41.416
Yxy	13.8261, 0.6247, 0.3398
Android (android.graphics.Color)	4291567364 (0xFFCC1F04)
YUV	79.6490, -37.2950, 109.0558
Hunter-Lab	37.1835, 56.9281, 23.7258

Details

The Hex color **CC1F04** 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 **04B1CC**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF6039**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC1C00**, and if you desaturate by 10%, it is **CC3118**.

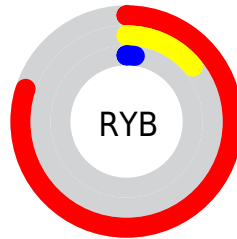
Distribution



Red (80%)

Green (12%)

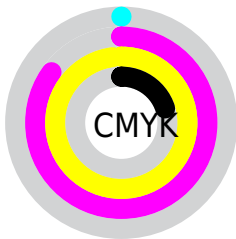
Blue (2%)



Red (80%)

Yellow (14%)

Blue (2%)

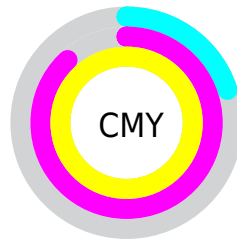


Cyan (0%)

Magenta (85%)

Yellow (98%)

Black (20%)



Cyan (20%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC1F04 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 CC1F04 by changing the saturation by 10% instead.

 CC1F04

 CC1F04

 FFFFF4

 AC0000

 FF6039

 8C0000

 FF7C52

 6C0000

 FF996B

 4E0002

 FFB685

 300002

 FFD3A0

 000000

 FFF1BB

 FFFFD7

 CC1F04

 CC1F04

■ CC1C00

■ CC3118

■ CC422D

■ CC5441

■ CC6656

■ CC776A

■ CC897E

■ CC9B93

■ CCACA7

■ CCBEB3

Harmonies

Analogous

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



DD0051



CC1F04



A25400

Triad

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



CC1F04



008137



0069F5

Complementary

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



CC1F04



04B1CC

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.



007CF0



CC1F04



008482

Square

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



CC1F04



007B00



0083C5



8643D4

Rectangle

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



CC1F04



7C6700



0083C5



0071F8

Sweetspot

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



CC1F04



FFBFB5



CC04B1



805953



000000



808080

Same Dimension

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



CC1F04



FF2200



CC8304



665D5C



A61600



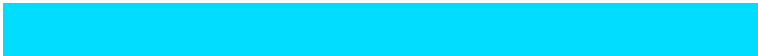
260500

Inverse Universe

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



04B1CC



00DDFF



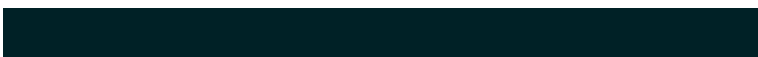
044DCC



5C6566



008FA6



002126

Previews

White Background



This preview shows how the Hex color CC1F04 looks on a white background.

Color Contrast Check

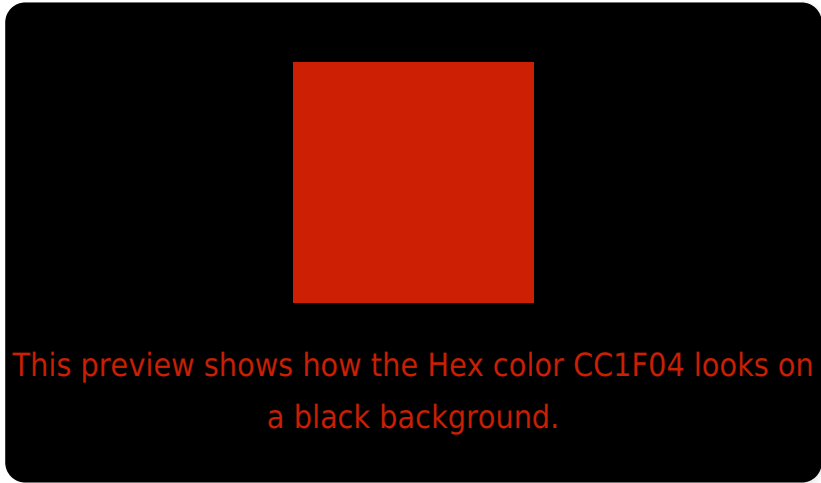
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC1F04 Background



This preview shows how black text looks on a background with the Hex color CC1F04.



This preview shows how white text looks on a background with the Hex color CC1F04.

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
CC1F04

Protanopia
76691A

Deuteranopia
856400



Trichromacy



Original Color
CC1F04

Protanomaly
954E12

Deuteranomaly
9F4B01

Tritanomaly
CC1E13

Monochromacy



Original Color
CC1F04

Achromatopsia
505050

Achromatomaly
7D3E34

CSS Examples

Text

The CSS property to change the color of the text to Hex CC1F04 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 #CC1F04 looks like.

```
.text, #text, p{  
    color:#CC1F04  
}
```

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 #CC1F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC1F04
}
```

Border

The CSS property to change the border of an element to Hex CC1F04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

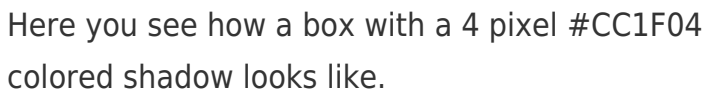
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC1F04 }
```

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

```
.border{ border-color:#CC1F04 }
```

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



Here you see how a box with a 4 pixel `#CC1F04` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC1F04; -webkit-box-shadow:4px 4px  
4px 4px #CC1F04; box-shadow:4px 4px 4px  
4px #CC1F04 }
```

Background

The CSS property to change the background color of an element to Hex CC1F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC1F04 }
```

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

```
.background{ background-color:#CC1F04 }
```

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