

Converting Colors

Hex(CC0812)

Have a look what the booklet for
Hex(CC0812) contains.

Hex(CC0812)	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(CC0812)

Conversions

Conversions Part 1

Format	Color
Hex	CC0812
RGB	204, 8, 18
RGB Percent	80%, 3%, 7%
CMY	0.2000, 0.9686, 0.9294
CMYK	0.00, 0.96, 0.91, 0.20
HSL	357°, 92%, 42%
HSV	357°, 96%, 80%
XYZ	25.0979, 13.0547, 1.7693
YIQ	67.7440, 113.6060, 44.6620

Conversions

Conversions Part 2

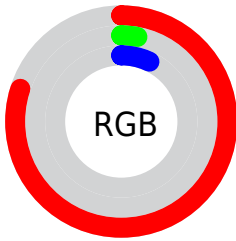
Format	Color
RYB	204, 8, 18
Decimal	13371410
CIELab	42.85, 67.13, 50.80
CIELCh	43, 84.187, 37.116
Yxy	13.0547, 0.6287, 0.3270
Android (android.graphics.Color)	4291561490 (0xFFCC0812)
YUV	67.7440, -24.5238, 119.4965
Hunter-Lab	36.1313, 60.7615, 22.3886

Details

The Hex color **CC0812** 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 **08CCC2**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5741**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC000A**, and if you desaturate by 10%, it is **CC1C25**.

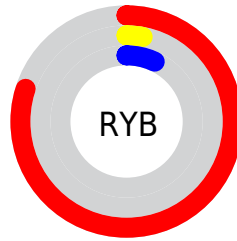
Distribution



Red (80%)

Green (3%)

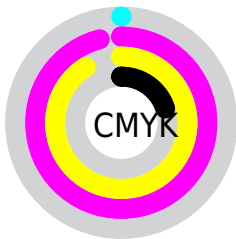
Blue (7%)



Red (80%)

Yellow (3%)

Blue (7%)

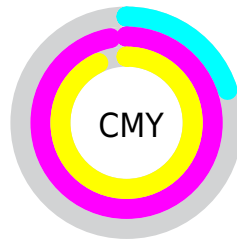


Cyan (0%)

Magenta (96%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0812 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 CC0812 by changing the saturation by 10% instead.

 CC0812

 CC0812

FFFFFFC

 AC0000

 FF5741

 8C0000

 FF755A

 6C0000

 FF9273

 4E0002

 FFAF8D

 2F0002

 FFCCA8

 000000

 FFEAC3

 FFFFDF

 CC0812

 CC0812

 CC000A

 CC1C25

 CC3139

 CC454C

 CC5A5F

 CC6E73

 CC8286

 CC979A

 CCABAD

 CCC0C0

Harmonies

Analogous

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



D90058



CC0812



A54C00

Triad

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



CC0812



007D29



006AF2

Complementary

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



CC0812



08CCC2

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.



007BE8



CC0812



008075

Square

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



CC0812



097700



0080B9



7248D6

Rectangle

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



CC0812



826100



0080B9



0071F3

Sweetspot

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



CC0812



FFB5B9



BF08CC



805355



000000



808080

Same Dimension

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



CC0812



FF000D



CC5D08



665C5C



A60008



260002

Inverse Universe

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



CC0812



FF000D



0877CC



665C5C



A60008



260002

Previews

White Background



This preview shows how the Hex color CC0812 looks on a white background.

Color Contrast Check

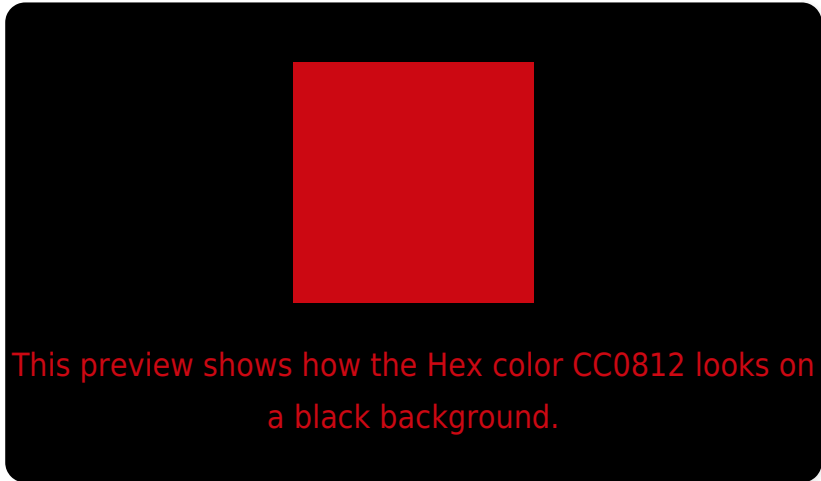
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0812 Background



This preview shows how black text looks on a background with the Hex color CC0812.



This preview shows how white text looks on a background with the Hex color CC0812.

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

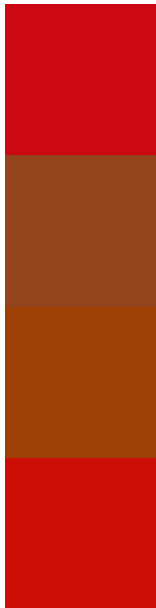


Original Color
CC0812

Protanopia
736724

Deuteranopia
826200

Trichromacy



Original Color
CC0812

Protanomaly
93441D

Deuteranomaly
9D4107

Tritanomaly
CB0F07

Monochromacy



Original Color
CC0812

Achromatopsia
444444

Achromatomaly
752E32

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0812 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 #CC0812 looks like.

```
.text, #text, p{  
    color:#CC0812  
}
```

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 #CC0812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0812
}
```

Border

The CSS property to change the border of an element to Hex CC0812 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".

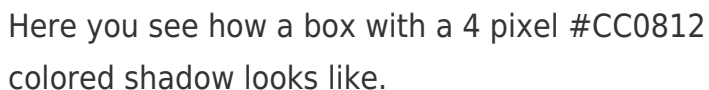
```
.border, #border, table{ border:4px solid
#CC0812 }
```

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

```
.border{ border-color:#CC0812 }
```

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

Here you see how a box with a 4 pixel #CC0812 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 reads: "Here you see how a box with a 4 pixel #CC0812 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0812; -webkit-box-shadow:4px 4px  
4px 4px #CC0812; box-shadow:4px 4px 4px  
4px #CC0812 }
```

Background

The CSS property to change the background color of an element to Hex CC0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0812 }
```

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

```
.background{ background-color:#CC0812 }
```

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