

Converting Colors

Hex(C80508)

Have a look what the booklet for
Hex(C80508) contains.

Hex(C80508)	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(C80508)

Conversions

Conversions Part 1

Format	Color
Hex	C80508
RGB	200, 5, 8
RGB Percent	78%, 2%, 3%
CMY	0.2157, 0.9804, 0.9686
CMYK	0.00, 0.97, 0.96, 0.22
HSL	359°, 95%, 40%
HSV	359°, 98%, 78%
XYZ	23.9175, 12.4054, 1.3636
YIQ	63.6470, 115.2570, 42.2730

Conversions

Conversions Part 2

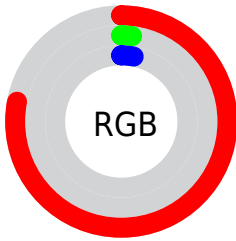
Format	Color
RYB	200, 5, 8
Decimal	13108488
CIELab	41.85, 66.30, 53.30
CIELCh	42, 85.069, 38.798
Yxy	12.4054, 0.6346, 0.3292
Android (android.graphics.Color)	4291298568 (0xFFC80508)
YUV	63.6470, -27.4340, 119.5816
Hunter-Lab	35.2213, 59.5754, 22.3595

Details

The Hex color **C80508** 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 **05C8C5**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF553A**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C80003**, and if you desaturate by 10%, it is **C8191C**.

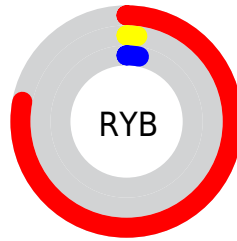
Distribution



Red (78%)

Green (2%)

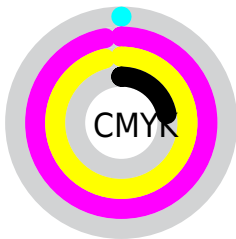
Blue (3%)



Red (78%)

Yellow (2%)

Blue (3%)

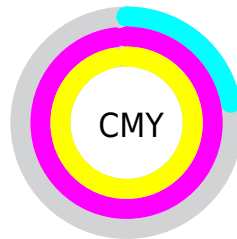


Cyan (0%)

Magenta (97%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (98%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C80508 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 C80508 by changing the saturation by 10% instead.

 C80508

 C80508

 FFFFF4

 A80000

 FF553A

 880000

 FF7352

 680000

 FF906B

 4A0003

 FFAD85

 2C0001

 FFCAA0

 000000

 FFE8BB

 FFFFD7

 C80508

 C80508

 C80003

 C8191C

 C82D2F

 C84143

 C85557

 C8696A

 C87D7E

 C89192

 C8A5A6

 C8B9B9

Harmonies

Analogous

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



D70052



C80508



A04B00

Triad

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



C80508



007B2B



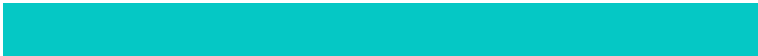
0067F1

Complementary

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



C80508



05C8C5

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.



0078E8



C80508



007E77

Square

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



C80508



007500



007EBA



7642D2

Rectangle

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



C80508



7B6000



007EBA



006EF2

Sweetspot

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



C80508



FFB5B6



C505C8



805354



000000



808080

Same Dimension

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



C80508



FF0004



C86305



635A5A



A30003



240001

Inverse Universe

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



C80508



FF0004



056AC8



635A5A



A30003



240001

Previews

White Background



This preview shows how the Hex color C80508 looks on a white background.

Color Contrast Check

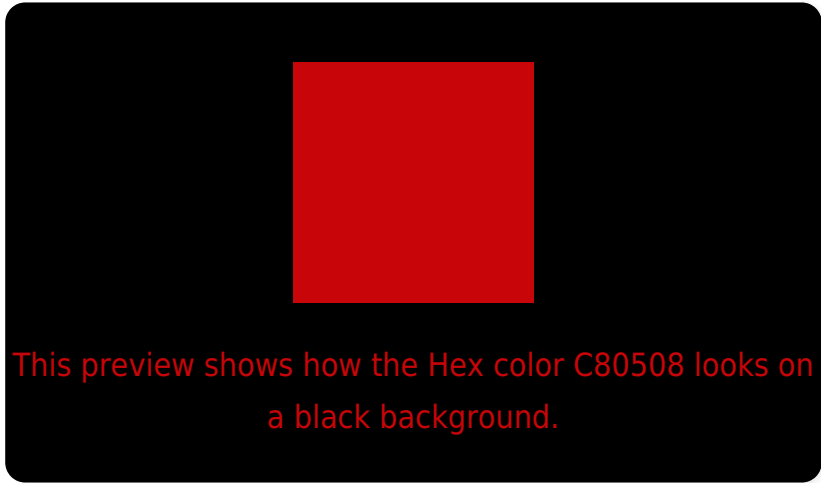
Large Text (above 18pt) WCAG AA ✓ Pass

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 C80508 Background



This preview shows how black text looks on a background with the Hex color C80508.



This preview shows how white text looks on a background with the Hex color C80508.

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

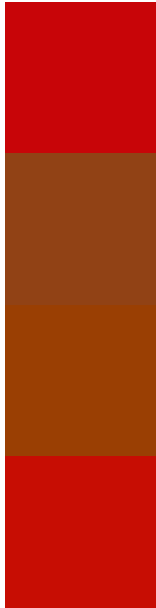


Original Color
C80508

Protanopia
71651C

Deuteranopia
7F6000

Trichromacy



Original Color
C80508

Protanomaly
914215

Deuteranomaly
9A3F03

Tritanomaly
C70D03

Monochromacy



Original Color
C80508

Achromatopsia
404040

Achromatomaly
712B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex C80508 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 #C80508 looks like.

```
.text, #text, p{  
    color:#C80508  
}
```

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 #C80508 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C80508
}
```

Border

The CSS property to change the border of an element to Hex C80508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

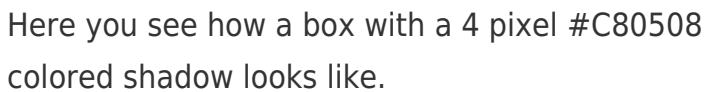
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C80508 }
```

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

```
.border{ border-color:#C80508 }
```

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



Here you see how a box with a 4 pixel `#C80508` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C80508; -webkit-box-shadow:4px 4px  
4px 4px #C80508; box-shadow:4px 4px 4px  
4px #C80508 }
```

Background

The CSS property to change the background color of an element to Hex C80508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C80508 }
```

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

```
.background{ background-color:#C80508 }
```

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