

Converting Colors

Hex(C8001C)

Have a look what the booklet for
Hex(C8001C) contains.

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Color

Hex(C8001C)

Conversions

Conversions Part 1

Format	Color
Hex	C8001C
RGB	200, 0, 28
RGB Percent	78%, 0%, 11%
CMY	0.2157, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.86, 0.22
HSL	352°, 100%, 39%
HSV	352°, 100%, 78%
XYZ	24.0290, 12.3632, 2.2185
YIQ	62.9920, 110.2120, 51.1080

Conversions

Conversions Part 2

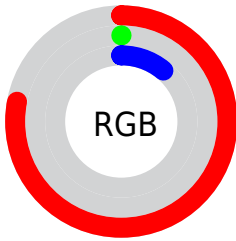
Format	Color
RYB	200, 0, 28
Decimal	13107228
CIELab	41.79, 67.07, 45.01
CIELCh	42, 80.774, 33.863
Yxy	12.3632, 0.6223, 0.3202
Android (android.graphics.Color)	4291297308 (0xFFC8001C)
YUV	62.9920, -17.2511, 120.1560
Hunter-Lab	35.1613, 60.4533, 20.8721

Details

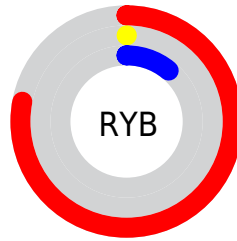
The Hex color **C8001C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00C8AC**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FF544A**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C8001C**, and if you desaturate by 10%, it is **C8142D**.

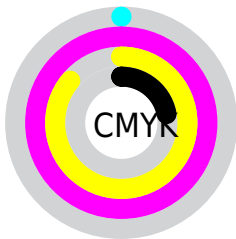
Distribution



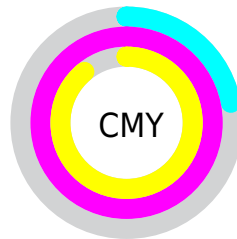
- Red (78%)
- Green (0%)
- Blue (11%)



- Red (78%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8001C 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 C8001C by changing the saturation by 10% instead.

 C8001C

 C8001C

FFFFFF

 A80005

 FF544A

 880000

 FF7262

 680000

 FF8F7B

 4B0003

 FFAC95

 2C0001

 FFC9B0

 000000

 FFE7CC

 FFFFE8

 C8001C

 C8142D

 C8283E

 C83C50

 C85061

 C86472

 C87883

 C88C94

 C8A0A6

 C8B4B7

Harmonies

Analogous

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



D1005D



C8001C



A54600

Triad

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



C8001C



007921



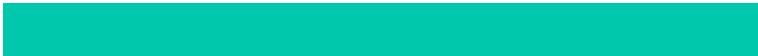
006AEA

Complementary

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



C8001C



00C8AC

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.



0078DC



C8001C



007C6A

Square

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



C8001C



247200



007DAC



624BD3

Rectangle

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



C8001C



845B00



007DAC



0070EA

Sweetspot

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



C8001C



FFB3BD



AA00C8



805258



000000



808080

Same Dimension

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



C8001C



FF0024



C84600



635A5B



A30017



240005

Inverse Universe

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



C8001C



FF0024



0082C8



635A5B



A30017



240005

Previews

White Background



This preview shows how the Hex color C8001C looks on a white background.

Color Contrast Check

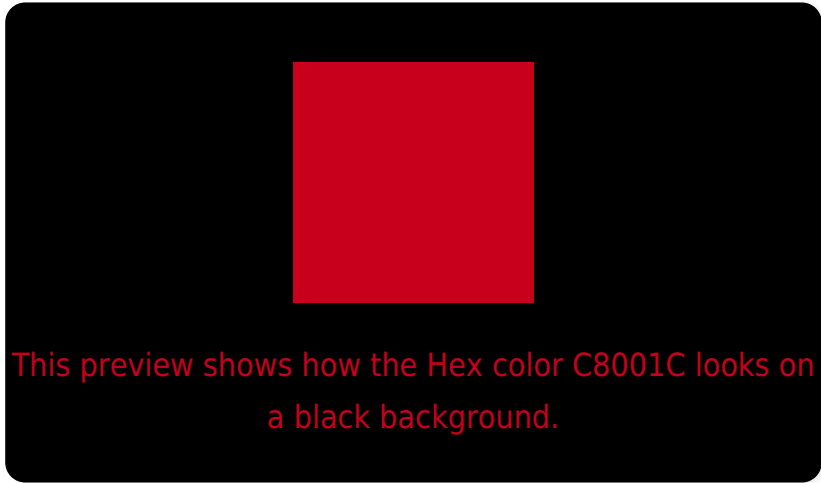
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8001C Background



This preview shows how black text looks on a background with the Hex color C8001C.



This preview shows how white text looks on a background with the Hex color C8001C.

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
C8001C

Protanopia
70652F

Deuteranopia
806000

Trichromacy



Original Color
C8001C

Protanomaly
904028

Deuteranomaly
9A3D0A

Tritanomaly
C70B0A

Monochromacy



Original Color
C8001C

Achromatopsia
3F3F3F

Achromatomaly
712832

CSS Examples

Text

The CSS property to change the color of the text to Hex C8001C 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 #C8001C looks like.

```
.text, #text, p{  
    color:#C8001C  
}
```

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 #C8001C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8001C }  
}
```

Border

The CSS property to change the border of an element to Hex C8001C is called "border". The border property can be set on classes, ids or directly on the HTML element.

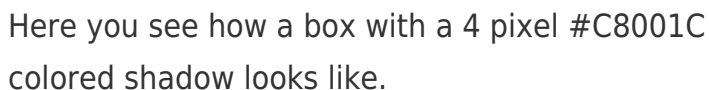
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C8001C }  
}
```

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

```
.border{ border-color:#C8001C }
```

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



Here you see how a box with a 4 pixel `#C8001C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8001C; -webkit-box-shadow:4px 4px  
4px 4px #C8001C; box-shadow:4px 4px 4px  
4px #C8001C }
```

Background

The CSS property to change the background color of an element to Hex C8001C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8001C }
```

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

```
.background{ background-color:#C8001C }
```

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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