

Converting Colors

Hex(C80447)

Have a look what the booklet for
Hex(C80447) contains.

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Color

Hex(C80447)

Conversions

Conversions Part 1	
Format	Color
Hex	C80447
RGB	200, 4, 71
RGB Percent	78%, 2%, 28%
CMY	0.2157, 0.9843, 0.7216
CMYK	0.00, 0.98, 0.65, 0.22
HSL	339°, 96%, 40%
HSV	339°, 98%, 78%
XYZ	25.0002, 12.8211, 7.1183
YIQ	70.2420, 95.3090, 62.3890

Conversions

Conversions Part 2

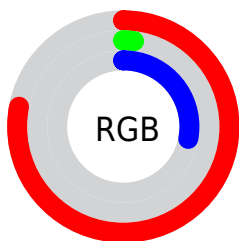
Format	Color
RYB	200, 4, 71
Decimal	13108295
CIELab	42.49, 68.24, 20.28
CIELCh	42, 71.187, 16.552
Yxy	12.8211, 0.5563, 0.2853
Android (android.graphics.Color)	4291298375 (0xFFC80447)
YUV	70.2420, 0.3737, 113.7978
Hunter-Lab	35.8066, 61.9671, 13.2778

Details

The Hex color **C80447** 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 **04C885**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5777**, and **8A001D** is the 20% darker color. If you saturate the color by 10%, you get **C80044**, and if you desaturate by 10%, it is **C81854**.

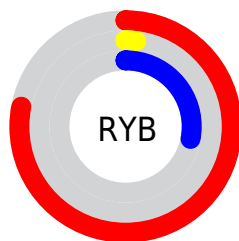
Distribution



Red (78%)

Green (2%)

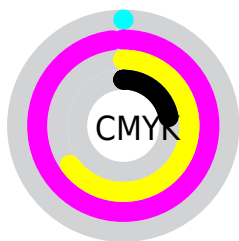
Blue (28%)



Red (78%)

Yellow (2%)

Blue (28%)

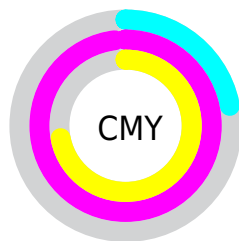


Cyan (0%)

Magenta (98%)

Yellow (65%)

Black (22%)



Cyan (22%)

Magenta (98%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C80447 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 C80447 by changing the saturation by 10% instead.

 C80447

FFFFFF

 FF5777

 FF7491

 FF92AB

 FFAFC6

 FFCCE2

 FFEAFF

 C80447

 A90031

 8A001D

 6C0003

 4E0003

 2F0002

 000000

 C80447

 C80044

 C80447

 C81854

 C82C61

 C8406E

 C8547C

 C86889

 C87C96

 C890A3

 C8A4B0

 C8B8BD

Harmonies

Analogous

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



BD1081



C80447



B63808

Triad

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



C80447



007600



0073D8

Complementary

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



C80447



04C885

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.



007BB9



C80447



007B47

Square

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



C80447



5C6C00



007D84



0061D7

Rectangle

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



C80447



9E4F00



007D84



0077D1

Sweetspot

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



C80447



FFB5CE



8304C8



805362



000000



808080

Same Dimension

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



C80447



FF0057



C82104



635A5D



A30038



24000C

Inverse Universe

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



C80447



FF0057



04ABC8



635A5D



A30038



24000C

Previews

White Background



This preview shows how the Hex color C80447 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



This preview shows how the Hex color C80447 looks on a 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 C80447 Background



This preview shows how black text looks on a background with the Hex color C80447.



This preview shows how white text looks on a background with the Hex color C80447.

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

C80447

Protanopia

686668

Deuteranopia

7C623E



Tritanopia
C71D1A

Trichromacy



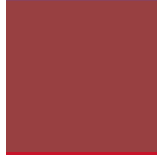
Original Color

C80447



Protanomaly

8B425C



Deuteranomaly

984041



Tritanomaly

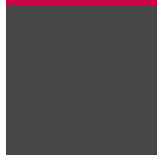
C7142A

Monochromacy



Original Color

C80447



Achromatopsia

464646



Achromatomaly

752E46

CSS Examples

Text

The CSS property to change the color of the text to Hex C80447 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 #C80447 looks like.

```
.text, #text, p{  
    color:#C80447  
}
```

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 #C80447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C80447
}
```

Border

The CSS property to change the border of an element to Hex C80447 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
#C80447 }
```

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

```
.border{ border-color:#C80447 }
```

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

Here you see how a box with a 4 pixel #C80447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C80447; -webkit-box-shadow:4px 4px  
4px 4px #C80447; box-shadow:4px 4px 4px  
4px #C80447 }
```

Background

The CSS property to change the background color of an element to Hex C80447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C80447 }
```

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

```
.background{ background-color:#C80447 }
```

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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