

Converting Colors

Hex(C80036)

Have a look what the booklet for
Hex(C80036) contains.

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Color

Hex(C80036)

Conversions

Conversions Part 1

Format	Color
Hex	C80036
RGB	200, 0, 54
RGB Percent	78%, 0%, 21%
CMY	0.2157, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.73, 0.22
HSL	344°, 100%, 39%
HSV	344°, 100%, 78%
XYZ	24.4853, 12.5457, 4.6211
YIQ	65.9560, 101.8660, 59.1940

Conversions

Conversions Part 2

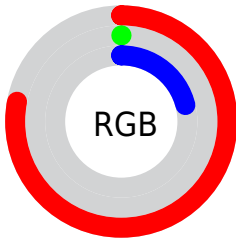
Format	Color
R_{YB}	200, 0, 54
Decimal	13107254
CIE _{Lab}	42.07, 67.84, 30.36
CIE _{LCh}	42, 74.324, 24.109
Yxy	12.5457, 0.5879, 0.3012
Android (android.graphics.Color)	4291297334 (0xFFC80036)
YUV	65.9560, -5.8943, 117.5566
Hunter-Lab	35.4199, 61.4096, 17.0586

Details

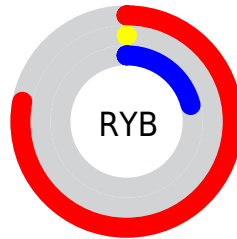
The Hex color **C80036** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00C892**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5565**, and **89000C** is the 20% darker color. If you saturate the color by 10%, you get **C80036**, and if you desaturate by 10%, it is **C81445**.

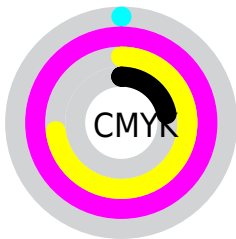
Distribution



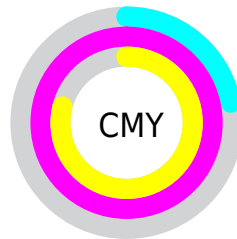
- Red (78%)
- Green (0%)
- Blue (21%)



- Red (78%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C80036 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 C80036 by changing the saturation by 10% instead.

 C80036

 C80036

FFFFFF

 A80021

 FF5565

 89000C

 FF737D

 6A0000

 FF9097

 4C0003

 FFADB2

 2D0002

 FFCACD

 000000

 FFE8EA

 C80036

 C81445

 C82853

 C83C62

 C85070

 C8647F

 C8788E

 C88C9C

 C8A0AB

 C8B4B9

Harmonies

Analogous

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



C60072



C80036



AF3E00

Triad

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



C80036



00770B



006FDF

Complementary

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



C80036



00C892

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.



007AC7



C80036



007B55

Square

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



C80036



4A6E00



007C94



3159D5

Rectangle

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



C80036



945400



007C94



0074DB

Sweetspot

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



C80036



FFB3C7



8F00C8



80525E



000000



808080

Same Dimension

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



C80036



FF0045



C82B00



635A5C



A3002C



24000A

Inverse Universe

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



C80036



FF0045



009DC8



635A5C



A3002C



24000A

Previews

White Background



This preview shows how the Hex color C80036 looks on a white background.

Color Contrast Check

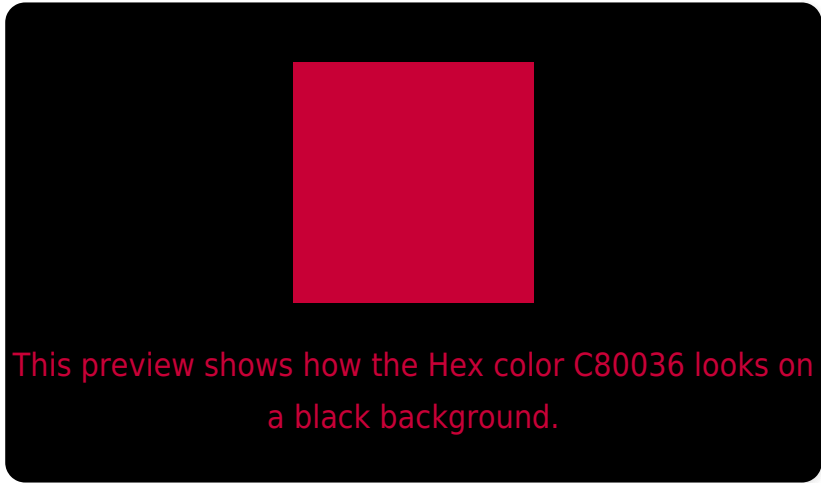
Large Text (above 18pt) WCAG AA ✓ Pass

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 C80036 Background



This preview shows how black text looks on a background with the Hex color C80036.

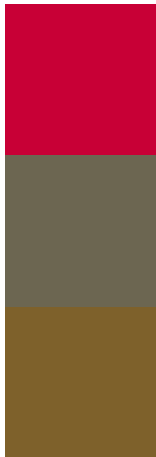


This preview shows how white text looks on a background with the Hex color C80036.

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
C80036

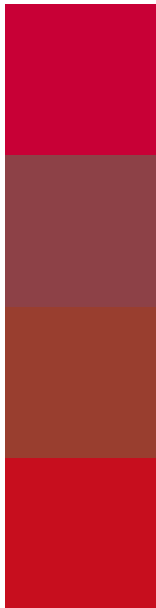
Protanopia
6C6651

Deuteranopia
7E612B



Tritanopia
C71610

Trichromacy



Original Color
C80036

Protanomaly
8D4147

Deuteranomaly
993E2F

Tritanomaly
C70E1E

Monochromacy



Original Color
C80036

Achromatopsia
424242

Achromatomaly
732A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex C80036 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 #C80036 looks like.

```
.text, #text, p{  
    color:#C80036  
}
```

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 #C80036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C80036
}
```

Border

The CSS property to change the border of an element to Hex C80036 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
#C80036 }
```

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

```
.border{ border-color:#C80036 }
```

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

Here you see how a box with a 4 pixel #C80036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C80036; -webkit-box-shadow:4px 4px  
4px 4px #C80036; box-shadow:4px 4px 4px  
4px #C80036 }
```

Background

The CSS property to change the background color of an element to Hex C80036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C80036 }
```

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

```
.background{ background-color:#C80036 }
```

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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