

# Converting Colors

Hex(C00048)

Have a look what the booklet for  
Hex(C00048) contains.

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**Color**

**Hex(C00048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C00048
RGB	192, 0, 72
RGB Percent	75%, 0%, 28%
CMY	0.2471, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.62, 0.25
HSL	338°, 100%, 38%
HSV	338°, 100%, 75%
XYZ	22.9079, 11.6743, 7.1769
YIQ	65.6160, 91.3200, 63.0960

# Conversions

## Conversions Part 2

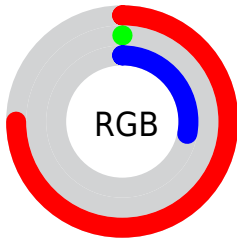
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 0, 72
Decimal	12582984
CIELab	40.69, 66.79, 16.96
CIElCh	41, 68.911, 14.246
Yxy	11.6743, 0.5486, 0.2796
Android (android.graphics.Color)	4290773064 (0xFFC00048)
YUV	65.6160, 3.1473, 110.8388
Hunter-Lab	34.1677, 59.8826, 11.4636

# Details

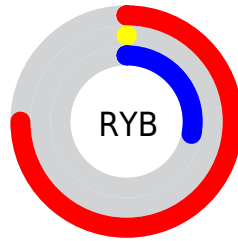
The Hex color **C00048** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00C078**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5478**, and **83001E** is the 20% darker color. If you saturate the color by 10%, you get **C00048**, and if you desaturate by 10%, it is **C01354**.

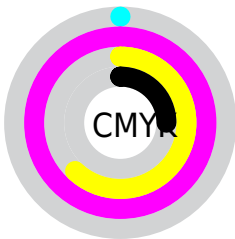
# Distribution



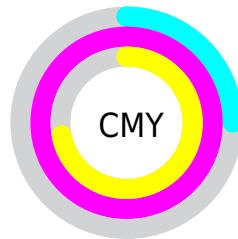
- Red (75%)
- Green (0%)
- Blue (28%)



- Red (75%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C00048 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 C00048 by changing the saturation by 10% instead.



 C00048

 C00048

FFFFFF

 A10032

 FF5478

 83001E

 FF7192

 650004

 FF8EAC

 480003

 FFABC7

 280001

 FFC9E3

 000000

 FFE6FF

 C00048

 C01354

 C02660

 C03A6C

 C04D78

 C06084

 C07390

 C0869C

 C09AA8

 C0ADB4

# Harmonies

## Analogous

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



B31480



C00048



B0330E

# Triad

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



C00048



007100



006FCE

# Complementary

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



C00048



00C078

# 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.



0076AE



C00048



00763F

# Square

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



C00048



5D6600



00787A



005ECF

# Rectangle

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



C00048



9B4900



00787A



0072C6



# Sweetspot

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



C00048



FAAFCB



7600C0



7D5061



FCFCFC



7D7D7D



# Same Dimension

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



C00048



FA005E



C01600



61575B



A1003C



21000C



# Inverse Universe

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



C00048



FA005E



00AAC0



61575B



A1003C



21000C



# Previews

## White Background



This preview shows how the Hex color C00048 looks on a white background.

## Color Contrast Check

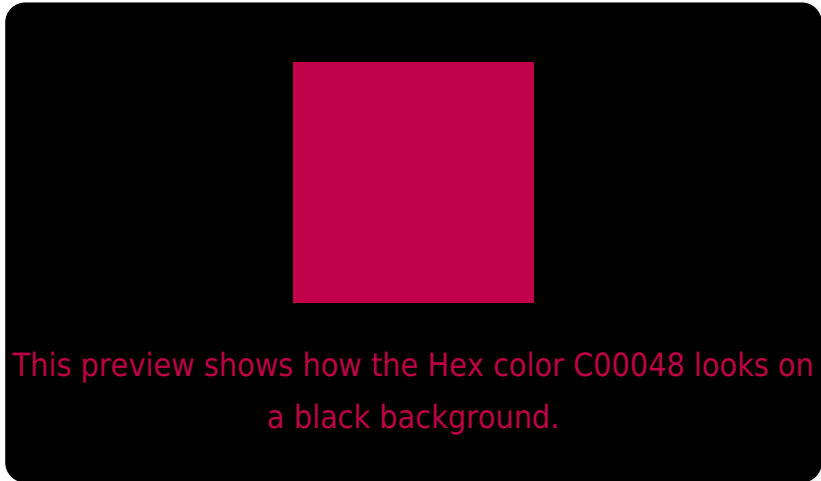
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00048 Background



This preview shows how black text looks on a background with the Hex color C00048.

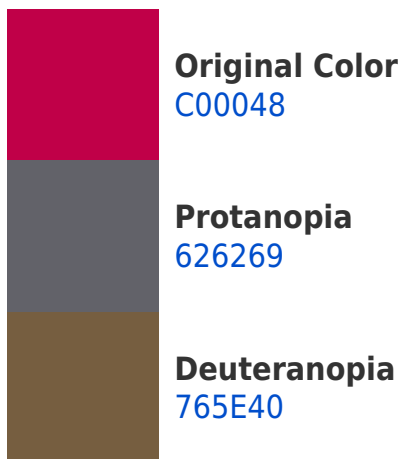


This preview shows how white text looks on a background with the Hex color C00048.

# 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





**Tritanopia**  
BF1D1B

# Trichromacy



**Original Color**  
C00048



**Protanomaly**  
843E5D



**Deuteranomaly**  
913C43



**Tritanomaly**  
BF122B

# Monochromacy



**Original Color**  
C00048



**Achromatopsia**  
424242



**Achromatomaly**  
702A44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C00048 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 #C00048 looks like.

```
.text, #text, p{  
    color:#C00048  
}
```

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 #C00048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00048  
}
```

## Border

The CSS property to change the border of an element to Hex C00048 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  
#C00048 }
```

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

```
.border{ border-color:#C00048 }
```

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

Here you see how a box with a 4 pixel #C00048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00048; -webkit-box-shadow:4px 4px  
4px 4px #C00048; box-shadow:4px 4px 4px  
4px #C00048 }
```

# Background

The CSS property to change the background color of an element to Hex C00048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00048 }
```

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

```
.background{ background-color:#C00048 }
```

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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