

# Converting Colors

Hex(C00066)

Have a look what the booklet for  
Hex(C00066) contains.

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**Color**

**Hex(C00066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C00066
RGB	192, 0, 102
RGB Percent	75%, 0%, 40%
CMY	0.2471, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.47, 0.25
HSL	328°, 100%, 38%
HSV	328°, 100%, 75%
XYZ	24.1365, 12.1658, 13.6465
YIQ	69.0360, 81.6900, 72.4260

# Conversions

## Conversions Part 2

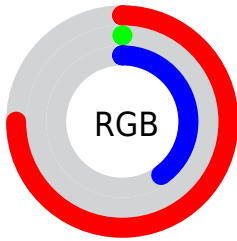
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 0, 102
Decimal	12583014
CIELab	41.48, 68.88, -0.99
CIELCh	41, 68.883, 359.178
Yxy	12.1658, 0.4832, 0.2436
Android (android.graphics.Color)	4290773094 (0xFFC00066)
YUV	69.0360, 16.2513, 107.8394
Hunter-Lab	34.8795, 62.4824, 1.2186

# Details

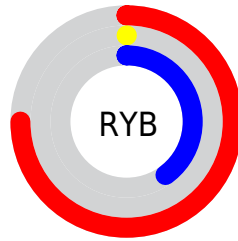
The Hex color **C00066** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00C05A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FE5599**, and **840038** is the 20% darker color. If you saturate the color by 10%, you get **C00066**, and if you desaturate by 10%, it is **C0136F**.

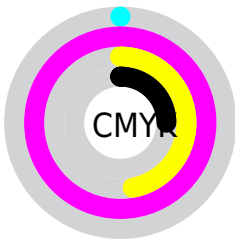
# Distribution



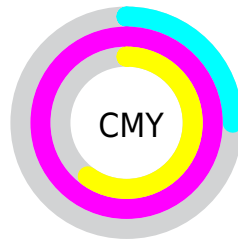
- Red (75%)
- Green (0%)
- Blue (40%)



- Red (75%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C00066 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 C00066 by changing the saturation by 10% instead.



 C00066

 C00066

FFFFFF

 A2004E

 FE5599

 840038

 FF73B3

 660022

 FF90CF

 4B000C

 FFADEB

 2C0001

 FFCAFF

 000000

 FFE8FF

 C00066

 C0136F

 C02678

 C03A81

 C04D8A

 C06093

 C0739C

 C086A5

 C09AAE

 C0ADB7

# Harmonies

## Analogous

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



A22F9D



C00066



BE202F

# Triad

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



C00066



406E00



0076C4

# Complementary

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



C00066



00C05A

# 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.



007998



C00066



007621

# Square

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



C00066



795F00



00795F



006AD5

# Rectangle

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



C00066



AE3B02



00795F



0078B7



# Sweetspot

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



C00066



FAAFD7



5A00C0



7D5068



FCFCFC



7D7D7D



# Same Dimension

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



C00066



FA0085



C00006



61575C



A10055



210012



# Inverse Universe

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



C00066



FA0085



00C0BA



61575C



A10055



210012



# Previews

## White Background



This preview shows how the Hex color C00066 looks on a white background.

## Color Contrast Check

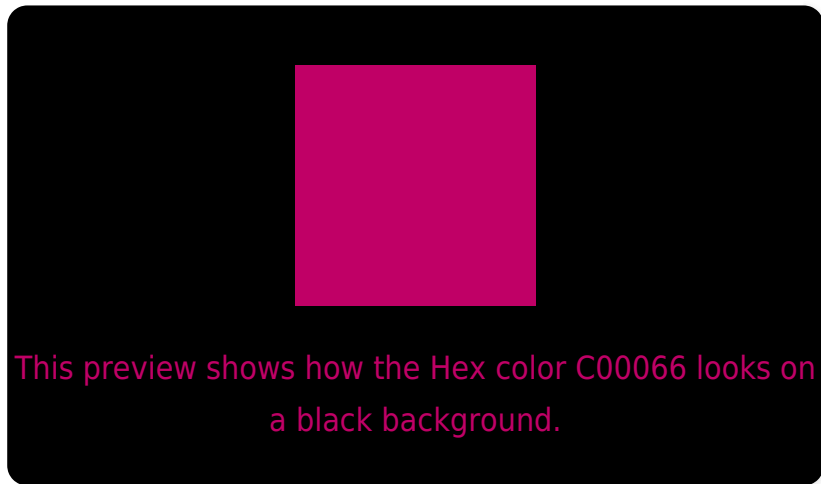
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00066 Background



This preview shows how black text looks on a background with the Hex color C00066.



This preview shows how white text looks on a background with the Hex color C00066.

# 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





# Trichromacy



**Original Color**  
C00066



**Protanomaly**  
7B3F83



**Deuteranomaly**  
8D3E61



**Tritanomaly**  
BE193F

# Monochromacy



**Original Color**  
C00066



**Achromatopsia**  
454545



**Achromatomaly**  
722C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C00066 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 #C00066 looks like.

```
.text, #text, p{  
    color:#C00066  
}
```

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 #C00066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00066
}
```

## Border

The CSS property to change the border of an element to Hex C00066 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
#C00066 }
```

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

```
.border{ border-color:#C00066 }
```

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

Here you see how a box with a 4 pixel #C00066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00066; -webkit-box-shadow:4px 4px  
4px 4px #C00066; box-shadow:4px 4px 4px  
4px #C00066 }
```

# Background

The CSS property to change the background color of an element to Hex C00066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00066 }
```

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

```
.background{ background-color:#C00066 }
```

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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