

# Converting Colors

Hex(C00075)

Have a look what the booklet for  
Hex(C00075) contains.

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**Color**

**Hex(C00075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C00075
RGB	192, 0, 117
RGB Percent	75%, 0%, 46%
CMY	0.2471, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.39, 0.25
HSL	323°, 100%, 38%
HSV	323°, 100%, 75%
XYZ	24.9491, 12.4908, 17.9256
YIQ	70.7460, 76.8750, 77.0910

# Conversions

## Conversions Part 2

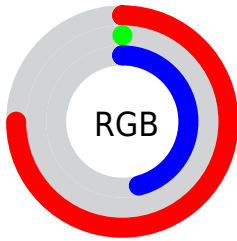
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 0, 117
Decimal	12583029
CIELab	41.99, 70.20, -9.64
CIELCh	42, 70.862, 352.182
Yxy	12.4908, 0.4506, 0.2256
Android (android.graphics.Color)	4290773109 (0xFFC00075)
YUV	70.7460, 22.8032, 106.3398
Hunter-Lab	35.3424, 64.1588, -5.3322

# Details

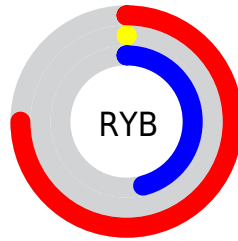
The Hex color **C00075** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00C04B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FD56A9**, and **850045** is the 20% darker color. If you saturate the color by 10%, you get **C00075**, and if you desaturate by 10%, it is **C0137D**.

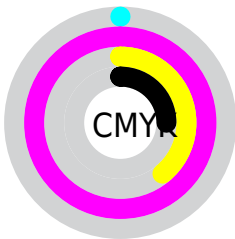
# Distribution



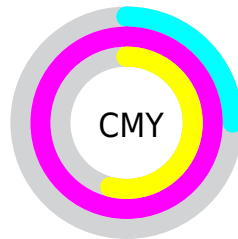
- Red (75%)
- Green (0%)
- Blue (46%)



- Red (75%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C00075 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 C00075 by changing the saturation by 10% instead.



 C00075

 C00075

FFFFFF

 A2005C

 FD56A9

 850045

 FF74C4

 67002F

 FF91E0

 4C001A

 FFAEFD

 2F0002

 FFCBFF

 000000

 FFE9FF

 C00075

 C0137D

 C02684

 C03A8B

 C04D93

 C0609B

 C073A2

 C086AA

 C09AB1

 C0ADB9

# Harmonies

## Analogous

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



9838AC



C00075



C5103B

# Triad

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



C00075



506D00



0079BF

# Complementary

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



C00075



00C04B

# 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.



007B8E



C00075



00760C

# Square

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



C00075



865B00



007A51



006FD8

# Rectangle

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



C00075



B83114



007A51



007AB1



# Sweetspot

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



C00075



FAAFDD



4A00C0



7D506B



FCFCFC



7D7D7D



# Same Dimension

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



C00075



FA0098



C00016



61575D



A10062



210014



# Inverse Universe

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



C00075



FA0098



00C0AA



61575D



A10062



210014



# Previews

## White Background



This preview shows how the Hex color C00075 looks on a white background.

## Color Contrast Check

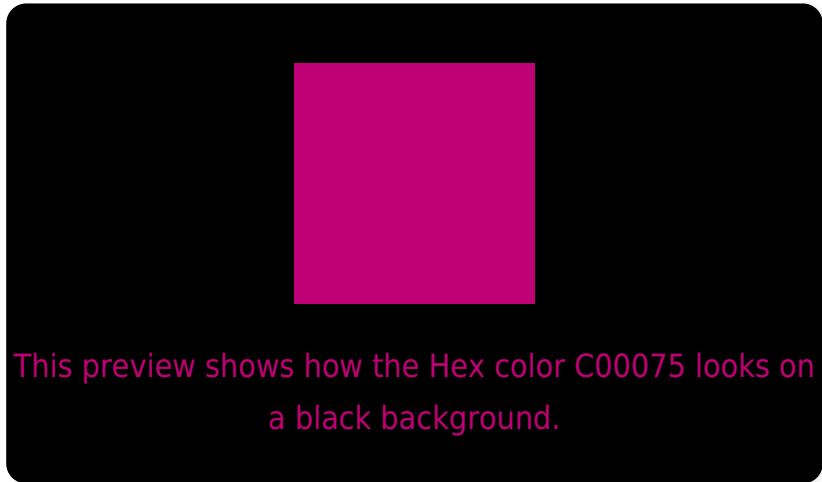
Large Text (above 18pt) WCAG AA ✓ Pass

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

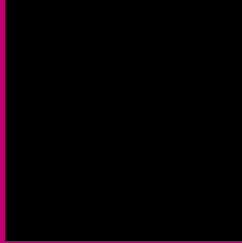
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C00075 Background



This preview shows how black text looks on a background with the Hex color C00075.

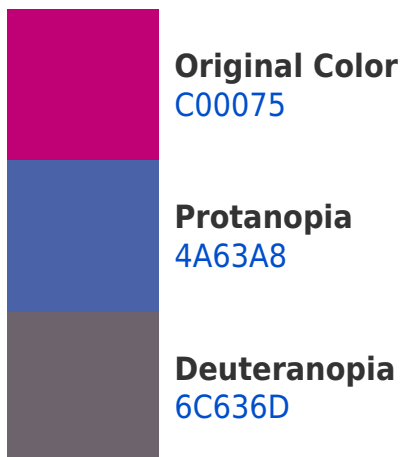


This preview shows how white text looks on a background with the Hex color C00075.

# 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**  
C00075



**Protanomaly**  
753F95



**Deuteranomaly**  
8B3F70



**Tritanomaly**  
BD1D49

# Monochromacy



**Original Color**  
C00075



**Achromatopsia**  
474747



**Achromatomaly**  
732D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C00075 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 #C00075 looks like.

```
.text, #text, p{  
    color:#C00075  
}
```

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 #C00075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00075
}
```

## Border

The CSS property to change the border of an element to Hex C00075 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
#C00075 }
```

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

```
.border{ border-color:#C00075 }
```

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

Here you see how a box with a 4 pixel #C00075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00075; -webkit-box-shadow:4px 4px  
4px 4px #C00075; box-shadow:4px 4px 4px  
4px #C00075 }
```

# Background

The CSS property to change the background color of an element to Hex C00075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00075 }
```

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

```
.background{ background-color:#C00075 }
```

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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