

# Converting Colors

Hex(C5076C)

Have a look what the booklet for  
Hex(C5076C) contains.

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**Color**

**Hex(C5076C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5076C
RGB	197, 7, 108
RGB Percent	77%, 3%, 42%
CMY	0.2275, 0.9725, 0.5765
CMYK	0.00, 0.96, 0.45, 0.23
HSL	328°, 93%, 40%
HSV	328°, 96%, 77%
XYZ	25.8087, 13.1050, 15.3566
YIQ	75.3240, 80.8190, 71.6910

# Conversions

## Conversions Part 2

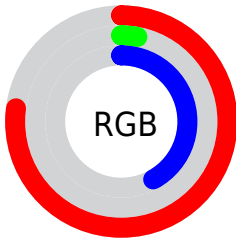
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 7, 108
Decimal	12912492
CIELab	42.92, 69.81, -2.52
CIELCh	43, 69.853, 357.934
Yxy	13.1050, 0.4756, 0.2415
Android (android.graphics.Color)	4291102572 (0xFFC5076C)
YUV	75.3240, 16.1093, 106.7099
Hunter-Lab	36.2008, 63.9069, 0.1894

# Details

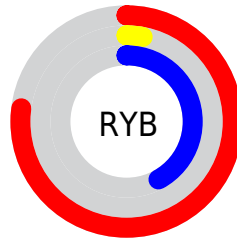
The Hex color **C5076C** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **07C560**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF589F**, and **89003D** is the 20% darker color. If you saturate the color by 10%, you get **C50069**, and if you desaturate by 10%, it is **C51B75**.

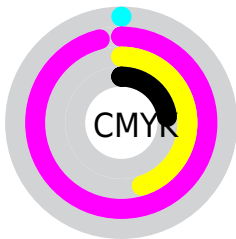
# Distribution



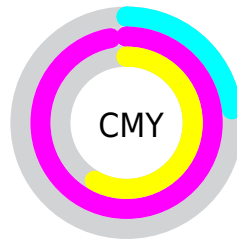
- Red (77%)
- Green (3%)
- Blue (42%)



- Red (77%)
- Yellow (3%)
- Blue (42%)



- Cyan (0%)
- Magenta (96%)
- Yellow (45%)
- Black (23%)



- Cyan (23%)
- Magenta (97%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5076C 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 C5076C by changing the saturation by 10% instead.



 C5076C

 C5076C

FFFFFF

 A70054

 FF589F

 89003D

 FF76BA

 6B0027

 FF93D6

 4F0013

 FFB0F2

 310002

 FFCEFF

 000000

 FFECFF

 C5076C

 C5076C

 C50069

 C51B75

 C52E7E

 C54288

 C55691

 C56A9A

 C57DA3

 C591AD

 C5A5B6

 C5B8BF

# Harmonies

## Analogous

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



A534A4



C5076C



C42233

# Triad

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



C5076C



467100



007AC8

# Complementary

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



C5076C



07C560

# 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.



007E9A



C5076C



007921

# Square

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



C5076C



7F6200



007D60



006EDA

# Rectangle

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



C5076C



B53D08



007D60



007CBB



# Sweetspot

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



C5076C



FFB5DC



6007C5



80536B



000000



808080



# Same Dimension

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



C5076C



FF0088



C5070D



635A5F



A30057



240013



# Inverse Universe

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



C5076C



FF0088



07C5BF



635A5F



A30057



240013



# Previews

## White Background



This preview shows how the Hex color C5076C looks on a white background.

## Color Contrast Check

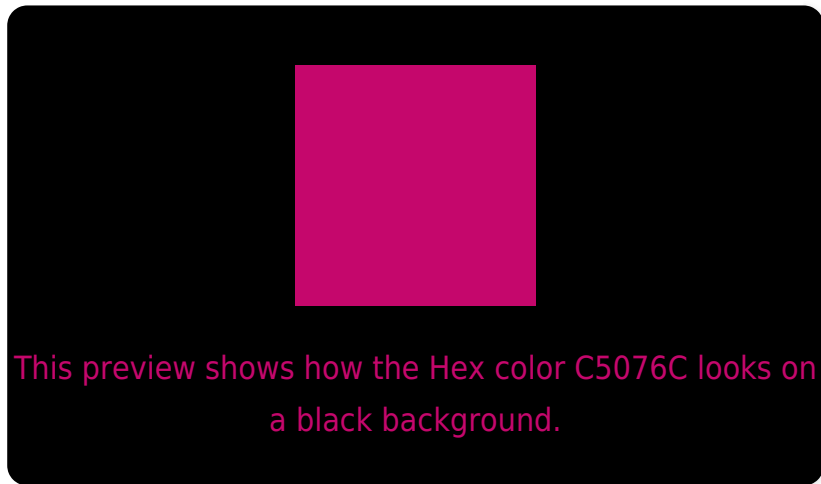
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5076C Background



This preview shows how black text looks on a background with the Hex color C5076C.



This preview shows how white text looks on a background with the Hex color C5076C.

# 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**  
C5076C



**Protanomaly**  
7E438A



**Deuteranomaly**  
914267



**Tritanomaly**  
C31E43

# Monochromacy



**Original Color**  
C5076C



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
773257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5076C 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 #C5076C looks like.

```
.text, #text, p{  
    color:#C5076C  
}
```

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 #C5076C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5076C
}
```

## Border

The CSS property to change the border of an element to Hex C5076C is called "border". The border property can be set on classes, ids or directly on the HTML element.

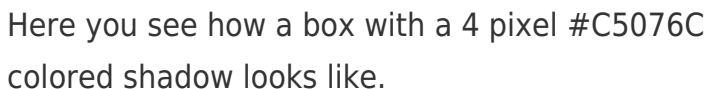
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5076C }
```

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

```
.border{ border-color:#C5076C }
```

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



Here you see how a box with a 4 pixel `#C5076C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5076C; -webkit-box-shadow:4px 4px  
4px 4px #C5076C; box-shadow:4px 4px 4px  
4px #C5076C }
```

# Background

The CSS property to change the background color of an element to Hex C5076C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5076C }
```

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

```
.background{ background-color:#C5076C }
```

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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