

# Converting Colors

Hex(C50C68)

Have a look what the booklet for  
Hex(C50C68) contains.

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**Color**

**Hex(C50C68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C50C68
RGB	197, 12, 104
RGB Percent	77%, 5%, 41%
CMY	0.2275, 0.9529, 0.5922
CMYK	0.00, 0.94, 0.47, 0.23
HSL	330°, 89%, 41%
HSV	330°, 94%, 77%
XYZ	25.6561, 13.1327, 14.2793
YIQ	77.8030, 80.7280, 67.8320

# Conversions

## Conversions Part 2

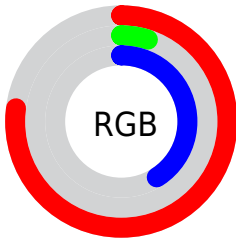
Format	Color
<b>R<sub>YB</sub></b>	197, 12, 104
Decimal	12913768
CIE <sub>Lab</sub>	42.96, 68.99, 0.05
CIE <sub>LCh</sub>	43, 68.989, 0.039
Yxy	13.1327, 0.4835, 0.2475
Android (android.graphics.Color)	4291103848 (0xFFC50C68)
YUV	77.8030, 12.9151, 104.5358
Hunter-Lab	36.2391, 62.9538, 2.0053

# Details

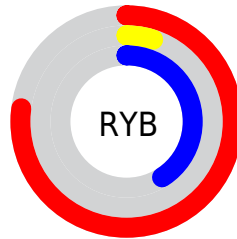
The Hex color **C50C68** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0CC569**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF599B**, and **890039** is the 20% darker color. If you saturate the color by 10%, you get **C50062**, and if you desaturate by 10%, it is **C52072**.

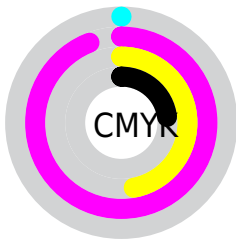
# Distribution



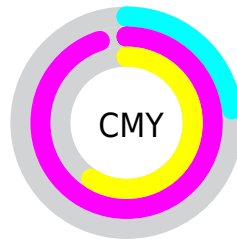
- Red (77%)
- Green (5%)
- Blue (41%)



- Red (77%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (94%)
- Yellow (47%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C50C68 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 C50C68 by changing the saturation by 10% instead.



 C50C68

 C50C68

FFFFFF

 A70050

 FF599B

 890039

 FF77B6

 6B0024

 FF94D1

 4F000E

 FFB1ED

 310002

 FFCFFF

 000000

 FFECFF

 C50C68

 C50C68

 C50062

 C52072

 C5337C

 C54786

 C55B90

 C56F9A

 C582A3

 C596AD

 C5AAB7

 C5BDC1

# Harmonies

## Analogous

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



A8339F



C50C68



C22730

# Triad

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



C50C68



427200



0079C9

# Complementary

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



C50C68



0CC569

# 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.



007D9E



C50C68



007A27

# Square

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



C50C68



7C6300



007D64



006DD9

# Rectangle

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



C50C68



B24004



007D64



007BBD



# Sweetspot

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



C50C68



FFB8DB



690CC5



80546A



000000



808080



# Same Dimension

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



C50C68



FF007F



C50C0C



635A5E



A30051



240012



# Inverse Universe

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



C50C68



FF007F



0CC5C5



635A5E



A30051



240012



# Previews

## White Background



This preview shows how the Hex color C50C68 looks on a white background.

## Color Contrast Check

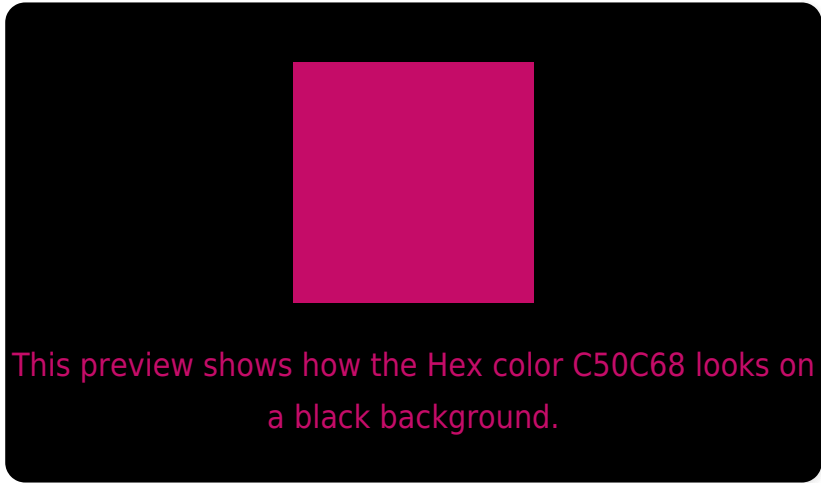
Large Text (above 18pt) WCAG AA ✓ Pass

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 C50C68 Background



This preview shows how black text looks on a background with the Hex color C50C68.



This preview shows how white text looks on a background with the Hex color C50C68.

# 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**  
C50C68



**Protanomaly**  
804585



**Deuteranomaly**  
914463

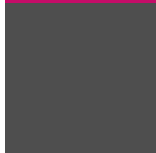


**Tritanomaly**  
C31F41

# Monochromacy



**Original Color**  
C50C68



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
793657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C50C68 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 #C50C68 looks like.

```
.text, #text, p{  
    color:#C50C68  
}
```

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 #C50C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C50C68  
}
```

## Border

The CSS property to change the border of an element to Hex C50C68 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  
#C50C68 }
```

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

```
.border{ border-color:#C50C68 }
```

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

Here you see how a box with a 4 pixel #C50C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C50C68; -webkit-box-shadow:4px 4px  
4px 4px #C50C68; box-shadow:4px 4px 4px  
4px #C50C68 }
```

# Background

The CSS property to change the background color of an element to Hex C50C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C50C68 }
```

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

```
.background{ background-color:#C50C68 }
```

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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