

# Converting Colors

Hex(C10068)

Have a look what the booklet for  
Hex(C10068) contains.

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**Color**

**Hex(C10068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C10068
RGB	193, 0, 104
RGB Percent	76%, 0%, 41%
CMY	0.2431, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.46, 0.24
HSL	328°, 100%, 38%
HSV	328°, 100%, 76%
XYZ	24.4910, 12.3369, 14.1871
YIQ	69.5630, 81.6440, 73.2600

# Conversions

## Conversions Part 2

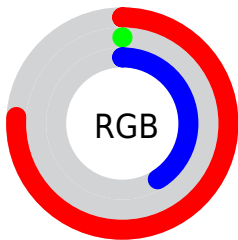
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 0, 104
Decimal	12648552
CIELab	41.75, 69.26, -1.83
CIELCh	42, 69.286, 358.487
Yxy	12.3369, 0.4801, 0.2418
Android (android.graphics.Color)	4290838632 (0xFFC10068)
YUV	69.5630, 16.9774, 108.2542
Hunter-Lab	35.1240, 62.9964, 0.6386

# Details

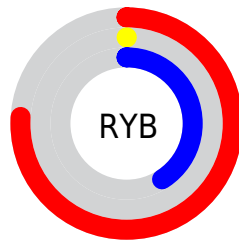
The Hex color **C10068** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00C159**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF559B**, and **850039** is the 20% darker color. If you saturate the color by 10%, you get **C10068**, and if you desaturate by 10%, it is **C11371**.

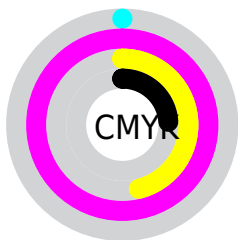
# Distribution



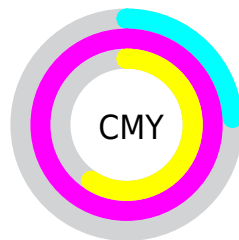
- Red (76%)
- Green (0%)
- Blue (41%)



- Red (76%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C10068 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 C10068 by changing the saturation by 10% instead.



 C10068

 C10068

FFFFFF

 A30050

 FF559B

 850039

 FF73B6

 670024

 FF90D1

 4C000E

 FFAEED

 2D0002

 FFCBFF

 000000

 FFE9FF

 C10068

 C11371

 C1277A

 C13A83

 C14D8C

 C16195

 C1749D

 C187A6

 C19AAF

 C1AEB8

# Harmonies

## Analogous

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



A2319F



C10068



BF1F30

# Triad

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



C10068



426F00



0077C4

# Complementary

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



C10068



00C159

# 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.



007A98



C10068



007620

# Square

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



C10068



7B5F00



007A5E



006BD6

# Rectangle

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



C10068



B03B04



007A5E



0078B8



# Sweetspot

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



C10068



FAAFD7



5700C1



7D5068



FCFCFC



7D7D7D



# Same Dimension

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



C10068



FA0087



C1000A



61575C



A10057



210012



# Inverse Universe

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



C10068



FA0087



00C1B7



61575C



A10057



210012



# Previews

## White Background



This preview shows how the Hex color C10068 looks on a white background.

## Color Contrast Check

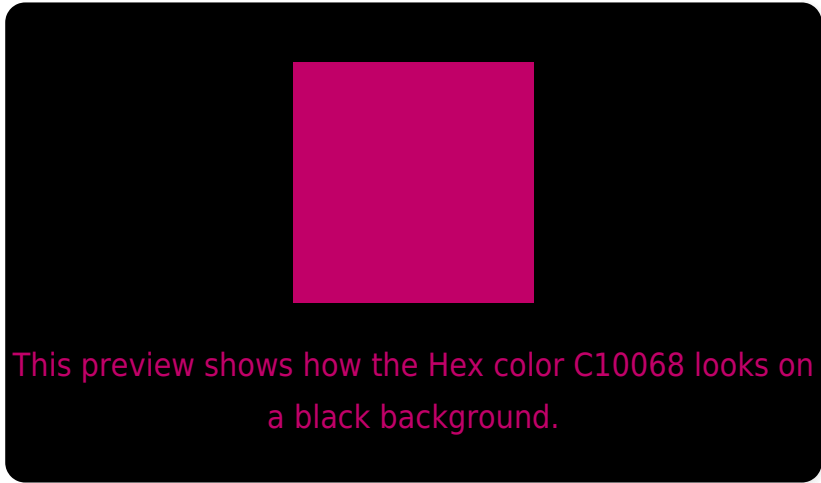
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10068 Background



This preview shows how black text looks on a background with the Hex color C10068.



This preview shows how white text looks on a background with the Hex color C10068.

# 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**  
C10068



**Protanomaly**  
7C3F85



**Deuteranomaly**  
8E3E63



**Tritanomaly**  
BF1A41

# Monochromacy



**Original Color**  
C10068



**Achromatopsia**  
464646



**Achromatomaly**  
732D52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C10068 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 #C10068 looks like.

```
.text, #text, p{  
    color:#C10068  
}
```

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 #C10068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10068
}
```

## Border

The CSS property to change the border of an element to Hex C10068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

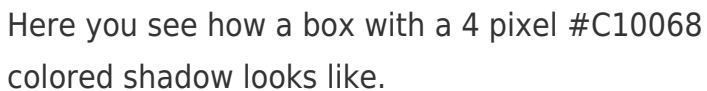
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10068 }
```

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

```
.border{ border-color:#C10068 }
```

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



Here you see how a box with a 4 pixel `#C10068` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10068; -webkit-box-shadow:4px 4px  
4px 4px #C10068; box-shadow:4px 4px 4px  
4px #C10068 }
```

# Background

The CSS property to change the background color of an element to Hex C10068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10068 }
```

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

```
.background{ background-color:#C10068 }
```

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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