

# Converting Colors

Hex(C968D6)

Have a look what the booklet for  
Hex(C968D6) contains.

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# Color

**Hex(C968D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C968D6
RGB	201, 104, 214
RGB Percent	79%, 41%, 84%
CMY	0.2118, 0.5922, 0.1608
CMYK	0.06, 0.51, 0.00, 0.16
HSL	293°, 57%, 62%
HSV	293°, 51%, 84%
XYZ	41.1753, 27.1732, 66.6931
YIQ	145.5430, 22.5020, 54.7740

# Conversions

## Conversions Part 2

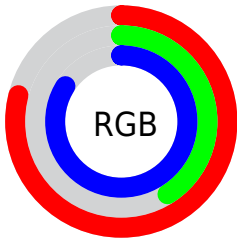
Format	Color
R <sub>Y</sub> B	201, 104, 214
Decimal	13199574
CIE Lab	59.13, 54.47, -40.31
CIE LCh	59, 67.767, 323.499
Yxy	27.1732, 0.3049, 0.2012
Android (android.graphics.Color)	4291389654 (0xFFC968D6)
YUV	145.5430, 33.7493, 48.6358
Hunter-Lab	52.1279, 49.7716, -39.3669

# Details

The Hex color **C968D6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75D668**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9FFF**, and **90329F** is the 20% darker color. If you saturate the color by 10%, you get **C653D6**, and if you desaturate by 10%, it is **CC7DD6**.

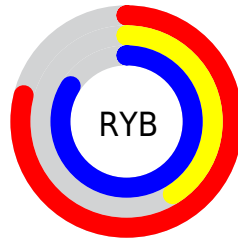
# Distribution



Red (79%)

Green (41%)

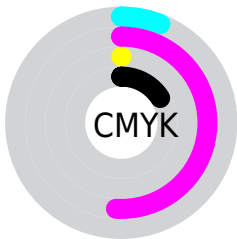
Blue (84%)



Red (79%)

Yellow (41%)

Blue (84%)

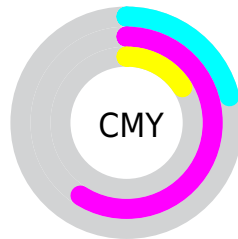


Cyan (6%)

Magenta (51%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (59%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C968D6 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 C968D6 by changing the saturation by 10% instead.



 C968D6

 C968D6

FFFFFF

 AC4DBA

 FF9FFF

 90329F

 FFBBFF

 751284

 FFD7FF

 5A006B

 FFF4FF

 400052

 29003A

 000023

 00000B

 000000

 C968D6

 C968D6

 C653D6

 CC7DD6

 C43DD6

 CE93D6

 C128D6

 D1A8D6

 BF12D6

 D3BED6

 BD00D6

 D6D3D6

 D8E8D6

 DBFED6

 DDFFD6

 E0FFD6

# Harmonies

## Analogous

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



7284FC



C968D6



F1519E

# Triad

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



C968D6



B58700



00A9BC

# Complementary

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



C968D6



75D668

# 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.



00A97F



C968D6



7D9900

# Square

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



C968D6



E06E2D



22A442



00A5ED

# Rectangle

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



C968D6



F85176



22A442



00AAA8



# Sweetspot

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



C968D6



FAD9FF



6877D6



7D6980



000000



808080



# Same Dimension

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



C968D6



EC61FF



D668AE



6A606B



9700AB



26002B



# Inverse Universe

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



D66875



FF6174



68D690



6B6062



AB0014



2B0005



# Previews

## White Background



This preview shows how the Hex color C968D6 looks on a white background.

## Color Contrast Check

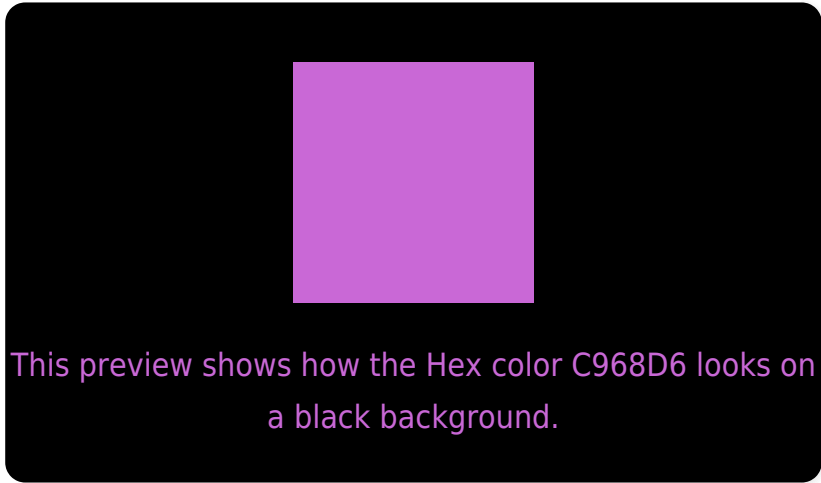
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

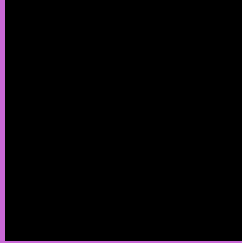
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C968D6 Background



This preview shows how black text looks on a background with the Hex color C968D6.

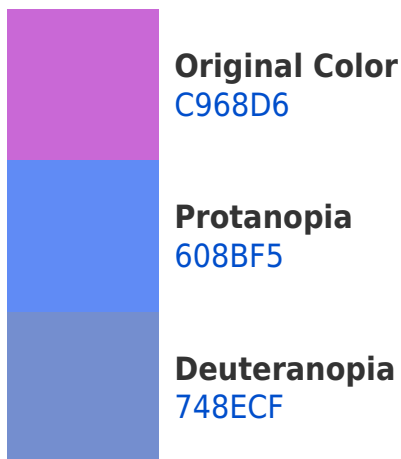



This preview shows how white text looks on a background with the Hex color C968D6.

# 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](#).

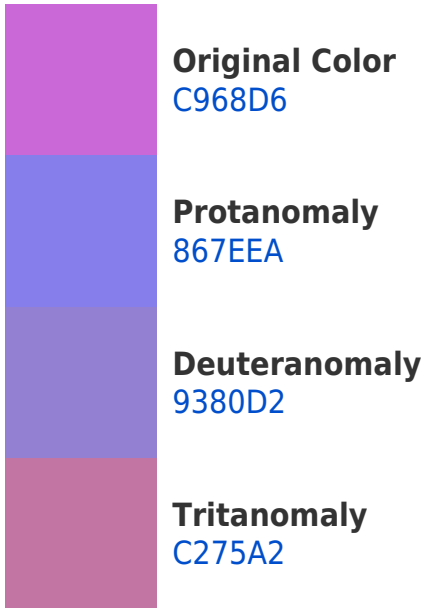
## Dichromacy



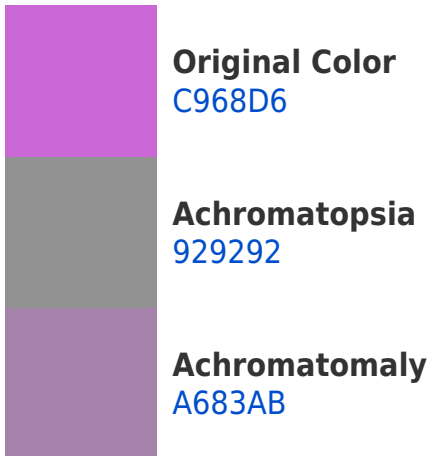


**Tritanopia**  
BE7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C968D6 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 #C968D6 looks like.

```
.text, #text, p{  
    color:#C968D6  
}
```

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 #C968D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C968D6
}
```

## Border

The CSS property to change the border of an element to Hex C968D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

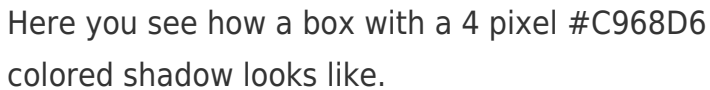
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C968D6 }
```

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

```
.border{ border-color:#C968D6 }
```

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



Here you see how a box with a 4 pixel `#C968D6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C968D6; -webkit-box-shadow:4px 4px  
4px 4px #C968D6; box-shadow:4px 4px 4px  
4px #C968D6 }
```

# Background

The CSS property to change the background color of an element to Hex C968D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C968D6 }
```

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

```
.background{ background-color:#C968D6 }
```

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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