

# Converting Colors

Hex(C952C0)

Have a look what the booklet for  
Hex(C952C0) contains.

<b>Hex(C952C0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(C952C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C952C0
RGB	201, 82, 192
RGB Percent	79%, 32%, 75%
CMY	0.2118, 0.6784, 0.2471
CMYK	0.00, 0.59, 0.04, 0.21
HSL	305°, 52%, 55%
HSV	305°, 59%, 79%
XYZ	36.6191, 22.2579, 52.2353
YIQ	130.1210, 35.6140, 59.4380

# Conversions

## Conversions Part 2

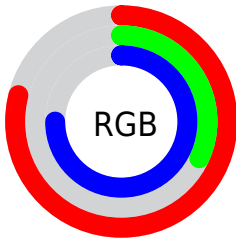
Format	Color
R <sub>Y</sub> B	201, 82, 192
Decimal	13193920
CIE Lab	54.30, 60.81, -35.36
CIE LCh	54, 70.344, 329.823
Yxy	22.2579, 0.3296, 0.2003
Android (android.graphics.Color)	4291384000 (0xFFC952C0)
YUV	130.1210, 30.5063, 62.1609
Hunter-Lab	47.1782, 55.9874, -32.6206

# Details

The Hex color **C952C0** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **52C95B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8AF9**, and **90118A** is the 20% darker color. If you saturate the color by 10%, you get **C93EBE**, and if you desaturate by 10%, it is **C966C2**.

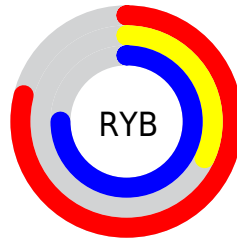
# Distribution



Red (79%)

Green (32%)

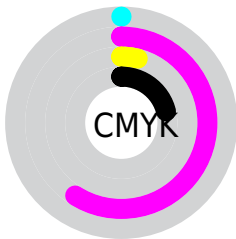
Blue (75%)



Red (79%)

Yellow (32%)

Blue (75%)

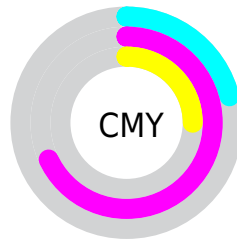


Cyan (0%)

Magenta (59%)

Yellow (4%)

Black (21%)



Cyan (21%)

Magenta (68%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C952C0 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 C952C0 by changing the saturation by 10% instead.



 C952C0

 C952C0

FFFFFF

 AC35A5

 FF8AF9

 90118A

 FFA6FF

 740070

 FFC2FF

 590057

 FFDFFF

 3F0040

 FFFDFD

 250029

 000112

 000000

 C952C0

 C952C0

 C93EBE

 C966C2

 C92ABD

 C97AC3

 C916BB

 C98EC5

 C902BA

 C9A2C6

 C900BA

 C9B7C8

 C9CBC9

 C9DFCB

 C9F3CC

 C9FFCE

# Harmonies

## Analogous

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



7B72EC



C952C0



E93B85

# Triad

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



C952C0



9D7F00



009CBD

# Complementary

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



C952C0



52C95B

# 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.



009C80



C952C0



609000

# Square

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



C952C0



CB6609



009940



0097EB

# Rectangle

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



C952C0



EC405D



009940



009DA9



# Sweetspot

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



C952C0



FFD1FC



5A52C9



80637D



000000



808080



# Same Dimension

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



C952C0



FF4AF1



C95286



635A63



A30097



240021



# Inverse Universe

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



C952C0



FF4AF1



52C995



635A63



A30097



240021



# Previews

## White Background



This preview shows how the Hex color C952C0 looks on a white background.

## Color Contrast Check

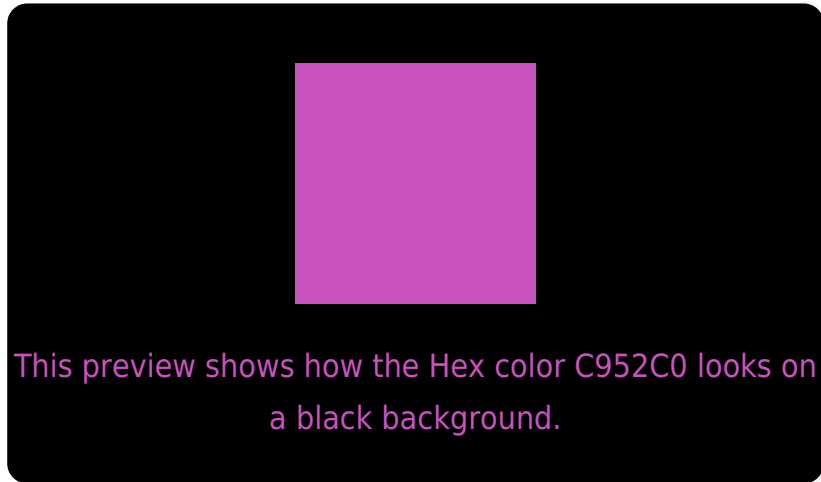
Large Text (above 18pt) WCAG AA ✓ Pass

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

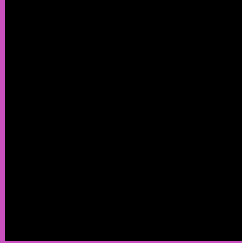
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C952C0 Background



This preview shows how black text looks on a background with the Hex color C952C0.

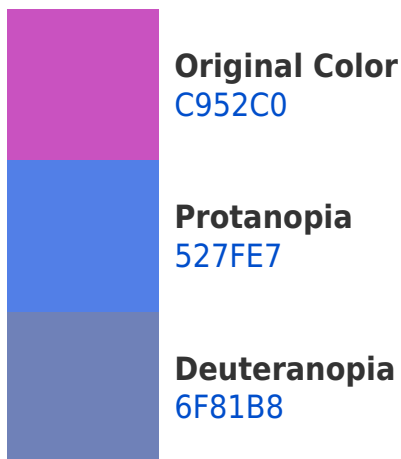



This preview shows how white text looks on a background with the Hex color C952C0.

# 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](#).

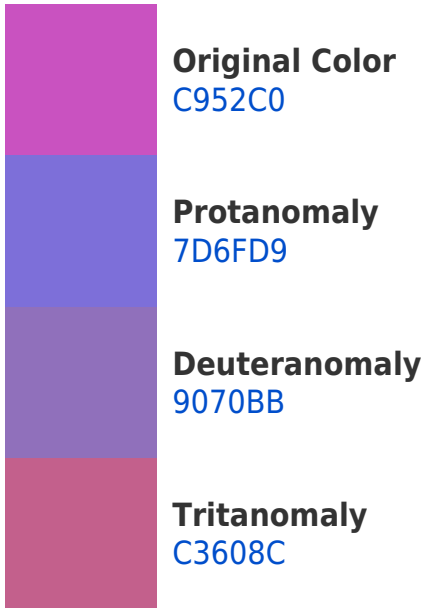
## Dichromacy



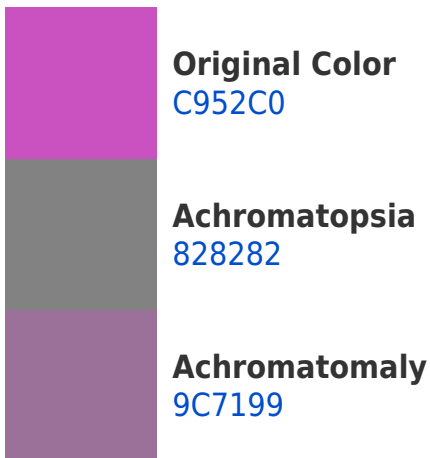


**Tritanopia**  
C0686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C952C0 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 #C952C0 looks like.

```
.text, #text, p{  
    color:#C952C0  
}
```

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 #C952C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C952C0
}
```

## Border

The CSS property to change the border of an element to Hex C952C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

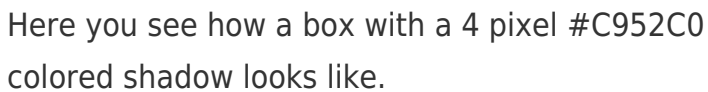
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C952C0 }
```

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

```
.border{ border-color:#C952C0 }
```

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



Here you see how a box with a 4 pixel `#C952C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C952C0; -webkit-box-shadow:4px 4px  
4px 4px #C952C0; box-shadow:4px 4px 4px  
4px #C952C0 }
```

# Background

The CSS property to change the background color of an element to Hex C952C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C952C0 }
```

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

```
.background{ background-color:#C952C0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor