

Converting Colors

Hex(C940B9)

Have a look what the booklet for
Hex(C940B9) contains.

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Color

Hex(C940B9)

Conversions

Conversions Part 1

Format	Color
Hex	C940B9
RGB	201, 64, 185
RGB Percent	79%, 25%, 73%
CMY	0.2118, 0.7490, 0.2745
CMYK	0.00, 0.68, 0.08, 0.21
HSL	307°, 56%, 52%
HSV	307°, 68%, 79%
XYZ	34.6777, 19.5871, 47.8519
YIQ	118.7570, 42.8110, 66.6750

Conversions

Conversions Part 2

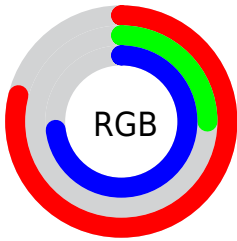
Format	Color
R _{YB}	201, 64, 185
Decimal	13189305
CIE _{Lab}	51.37, 66.90, -35.91
CIE _{LCh}	51, 75.931, 331.777
Yxy	19.5871, 0.3396, 0.1918
Android (android.graphics.Color)	4291379385 (0xFFC940B9)
YUV	118.7570, 32.6578, 72.1271
Hunter-Lab	44.2573, 62.4132, -33.1255

Details

The Hex color **C940B9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted rose. A complement of this color would be **40C950**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7AF1**, and **8F0083** is the 20% darker color. If you saturate the color by 10%, you get **C92CB7**, and if you desaturate by 10%, it is **C954BB**.

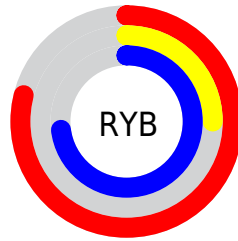
Distribution



Red (79%)

Green (25%)

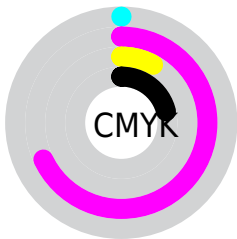
Blue (73%)



Red (79%)

Yellow (25%)

Blue (73%)

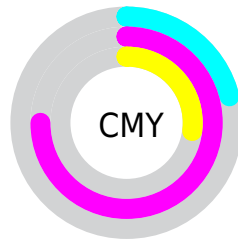


Cyan (0%)

Magenta (68%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (75%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C940B9 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 C940B9 by changing the saturation by 10% instead.

 C940B9

 C940B9

FFFFFF

 AC1D9E

 FF7AF1

 8F0083

 FF97FF

 73006A

 FFB3FF

 580051

 FFD1FF

 3E003A

 FFEEFF

 220023

 000009

 000000

 C940B9

 C940B9

 C92CB7

 C954BB

 C918B4

 C968BE

 C904B2

 C97CC0

 C900B2

 C990C2

 C9A5C5

 C9B9C7

 C9CDC9

 C9E1CC

 C9F5CE

Harmonies

Analogous

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



7867EA



C940B9



E81F79

Triad

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



C940B9



917900



0096BE

Complementary

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



C940B9



40C950

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.



00967D



C940B9



4E8A00

Square

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



C940B9



C35E00



009238



0090ED

Rectangle

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



C940B9



E82C4F



009238



0096A9

Sweetspot

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



C940B9



FFCCF9



5040C9



80617C



000000



808080

Same Dimension

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



C940B9



FF2EE7



C94075



635A62



A30090



240020

Inverse Universe

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



C940B9



FF2EE7



40C994



635A62



A30090



240020

Previews

White Background



This preview shows how the Hex color C940B9 looks on a white background.

Color Contrast Check

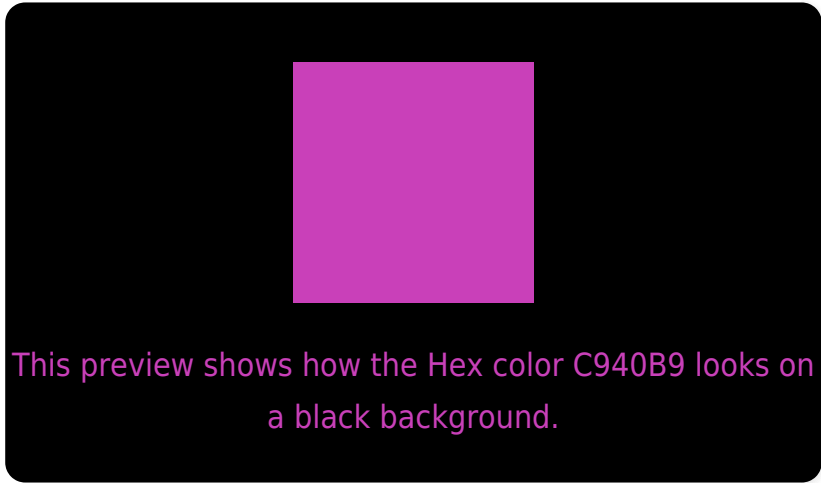
Large Text (above 18pt) WCAG AA ✓ Pass

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

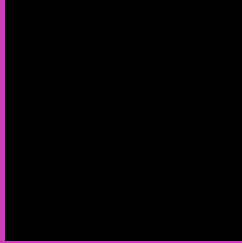
Any Text WCAG AA ✓ Pass

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 C940B9 Background



This preview shows how black text looks on a background with the Hex color C940B9.

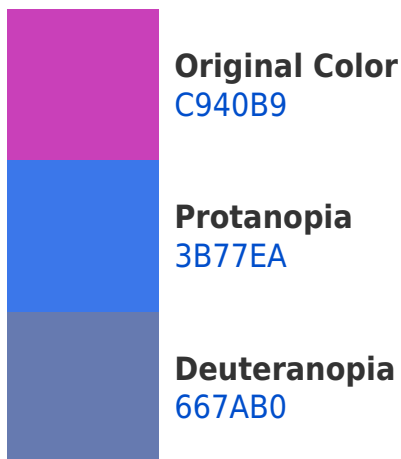


This preview shows how white text looks on a background with the Hex color C940B9.

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](#).

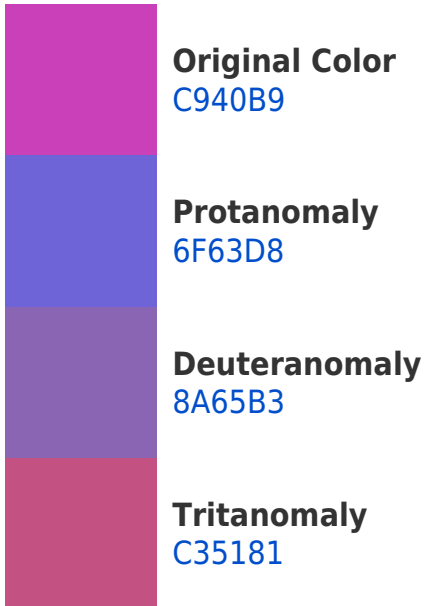
Dichromacy



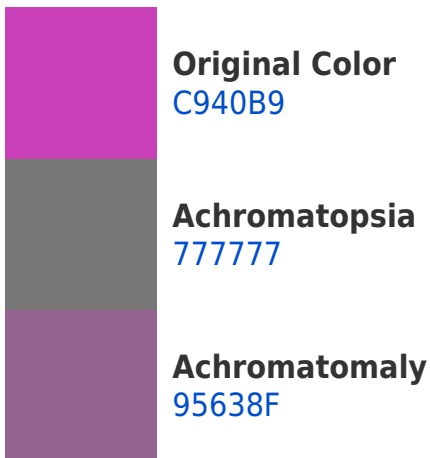


Tritanopia
C05B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C940B9 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 #C940B9 looks like.

```
.text, #text, p{  
    color:#C940B9  
}
```

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 #C940B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C940B9
}
```

Border

The CSS property to change the border of an element to Hex C940B9 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
#C940B9 }
```

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

```
.border{ border-color:#C940B9 }
```

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

Here you see how a box with a 4 pixel #C940B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C940B9; -webkit-box-shadow:4px 4px  
4px 4px #C940B9; box-shadow:4px 4px 4px  
4px #C940B9 }
```

Background

The CSS property to change the background color of an element to Hex C940B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C940B9 }
```

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

```
.background{ background-color:#C940B9 }
```

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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