

# Converting Colors

Hex(C94BC9)

Have a look what the booklet for  
Hex(C94BC9) contains.

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# Color

Hex(C94BC9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94BC9
RGB	201, 75, 201
RGB Percent	79%, 29%, 79%
CMY	0.2118, 0.7059, 0.2118
CMYK	0.00, 0.63, 0.00, 0.21
HSL	300°, 54%, 54%
HSV	300°, 63%, 79%
XYZ	37.1461, 21.6667, 57.4826
YIQ	127.0380, 34.6500, 65.8980

# Conversions

## Conversions Part 2

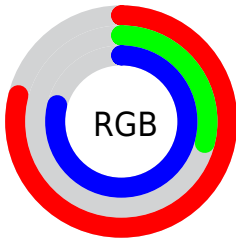
Format	Color
<a href="#">RYB</a>	<a href="#">201, 75, 201</a>
Decimal	<a href="#">13192137</a>
CIELab	<a href="#">53.67, 65.25, -41.52</a>
CIELCh	<a href="#">54, 77.343, 327.533</a>
Yxy	<a href="#">21.6667, 0.3194, 0.1863</a>
Android (android.graphics.Color)	<a href="#">4291382217 (0xFFC94BC9)</a>
YUV	<a href="#">127.0380, 36.4633, 64.8647</a>
Hunter-Lab	<a href="#">46.5475, 60.9894, -40.6354</a>

# Details

The Hex color **C94BC9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4BC94B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF84FF**, and **900092** is the 20% darker color. If you saturate the color by 10%, you get **C937C9**, and if you desaturate by 10%, it is **C95FC9**.

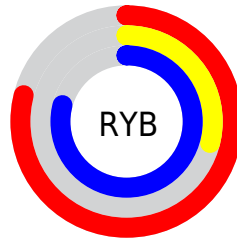
# Distribution



Red (79%)

Green (29%)

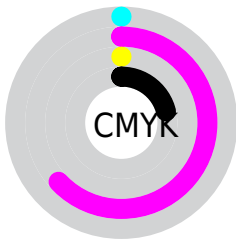
Blue (79%)



Red (79%)

Yellow (29%)

Blue (79%)

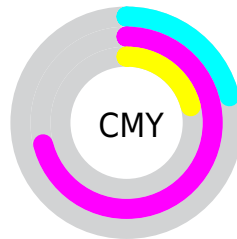


Cyan (0%)

Magenta (63%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C94BC9 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 C94BC9 by changing the saturation by 10% instead.



 C94BC9

 C94BC9

FFFFFF

 AC2CAD

 FF84FF

 900092

 FFA0FF

 740078

 FFBDFE

 58005F

 FFDAFF

 3E0047

 FFF7FF

 23002F

 000119

 000000

 C94BC9

 C94BC9

 C937C9

 C95FC9

 C923C9

 C973C9

 C90FC9

 C987C9

 C900C9

 C99BC9

 C9B0C9

 C9C4C9

 C9D8C9

 C9ECC9

 C9FFC9

# Harmonies

## Analogous

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



6B71F8



C94BC9



EF2789

# Triad

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



C94BC9



A07C00



009DBD

# Complementary

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



C94BC9



4BC94B

# 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.



009C79



C94BC9



5F8E00

# Square

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



C94BC9



D15E00



009831



0098F1

# Rectangle

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



C94BC9



F32D5D



009831



009DA7



# Sweetspot

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



C94BC9



FFCFFF



4B4BC9



806280



000000



808080



# Same Dimension

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



C94BC9



FF40FF



C94B8A



635A63



A300A3



240024



# Inverse Universe

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



C94BC9



FF40FF



4BC98A



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color C94BC9 looks on a white background.

## Color Contrast Check

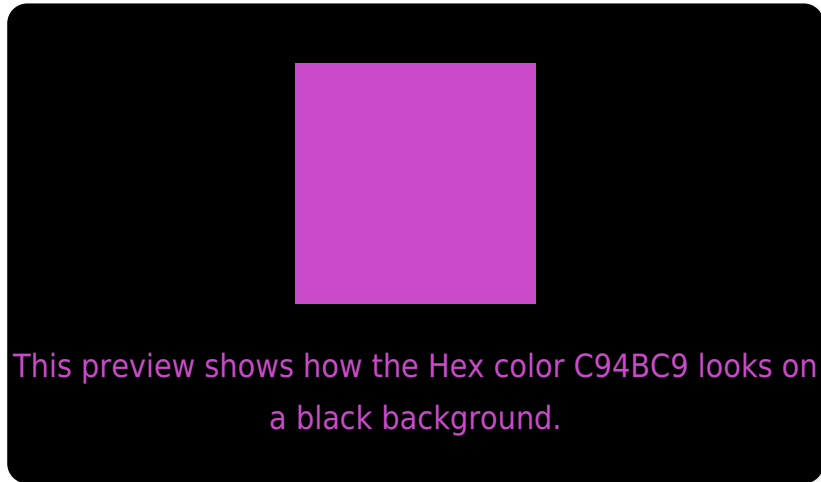
Large Text (above 18pt) WCAG AA ✓ Pass

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

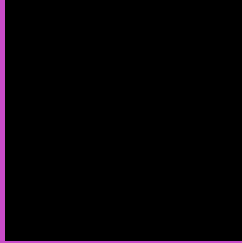
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C94BC9 Background



This preview shows how black text looks on a background with the Hex color C94BC9.

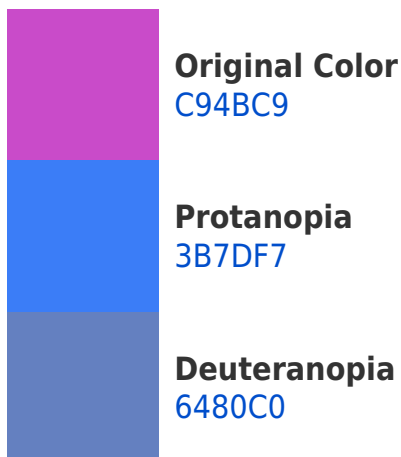



This preview shows how white text looks on a background with the Hex color C94BC9.

# 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**  
BE666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C94BC9 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 #C94BC9 looks like.

```
.text, #text, p{  
    color:#C94BC9  
}
```

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 #C94BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94BC9
}
```

## Border

The CSS property to change the border of an element to Hex C94BC9 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
#C94BC9 }
```

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

```
.border{ border-color:#C94BC9 }
```

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

Here you see how a box with a 4 pixel #C94BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94BC9; -webkit-box-shadow:4px 4px  
4px 4px #C94BC9; box-shadow:4px 4px 4px  
4px #C94BC9 }
```

# Background

The CSS property to change the background color of an element to Hex C94BC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94BC9 }
```

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

```
.background{ background-color:#C94BC9 }
```

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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