

# Converting Colors

Hex(C94DC9)

Have a look what the booklet for  
Hex(C94DC9) contains.

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# Color

**Hex(C94DC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C94DC9
RGB	201, 77, 201
RGB Percent	79%, 30%, 79%
CMY	0.2118, 0.6980, 0.2118
CMYK	0.00, 0.62, 0.00, 0.21
HSL	300°, 53%, 55%
HSV	300°, 62%, 79%
XYZ	37.2839, 21.9423, 57.5286
YIQ	128.2120, 34.1000, 64.8520

# Conversions

## Conversions Part 2

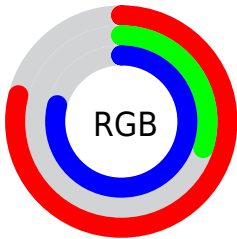
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 77, 201</a>
Decimal	<a href="#">13192649</a>
CIELab	<a href="#">53.97, 64.44, -41.05</a>
CIELCh	<a href="#">54, 76.405, 327.498</a>
Yxy	<a href="#">21.9423, 0.3193, 0.1879</a>
Android (android.graphics.Color)	<a href="#">4291382729 (0xFFC94DC9)</a>
YUV	<a href="#">128.2120, 35.8845, 63.8351</a>
Hunter-Lab	<a href="#">46.8426, 60.1006, -40.0257</a>

# Details

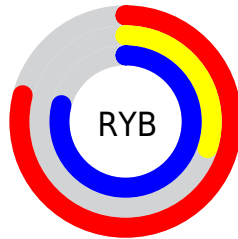
The Hex color **C94DC9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4DC94D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF85FF**, and **900092** is the 20% darker color. If you saturate the color by 10%, you get **C939C9**, and if you desaturate by 10%, it is **C961C9**.

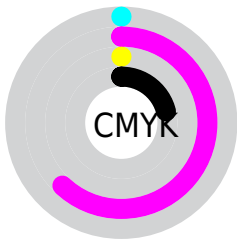
# Distribution



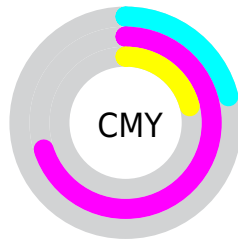
- Red (79%)
- Green (30%)
- Blue (79%)



- Red (79%)
- Yellow (30%)
- Blue (79%)



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (70%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C94DC9 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 C94DC9 by changing the saturation by 10% instead.



 C94DC9

 C94DC9

FFFFFF

 AC2FAD

 FF85FF

 900092

 FFA2FF

 740078

 FFBEFF

 58005F

 FFDBFF

 3E0047

 FFF9FF

 23002F

 000119

 000000

 C94DC9

 C94DC9

 C939C9

 C961C9

 C925C9

 C975C9

 C911C9

 C989C9

 C900C9

 C99DC9

 C9B2C9

 C9C6C9

 C9DAC9

 C9EEC9

 C9FFC9

# Harmonies

## Analogous

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



6C72F7



C94DC9



EF2C8A

# Triad

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



C94DC9



A17C00



009DBC

# Complementary

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



C94DC9



4DC94D

# 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.



009D79



C94DC9



608F00

# Square

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



C94DC9



D26000



009833



0099F0

# Rectangle

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



C94DC9



F3305E



009833



009EA7



# Sweetspot

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



C94DC9



FFCFFF



4D4DC9



806280



000000



808080



# Same Dimension

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



C94DC9



FF42FF



C94D8B



635A63



A300A3



240024



# Inverse Universe

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



C94DC9



FF42FF



4DC98B



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color C94DC9 looks on a white background.

## Color Contrast Check

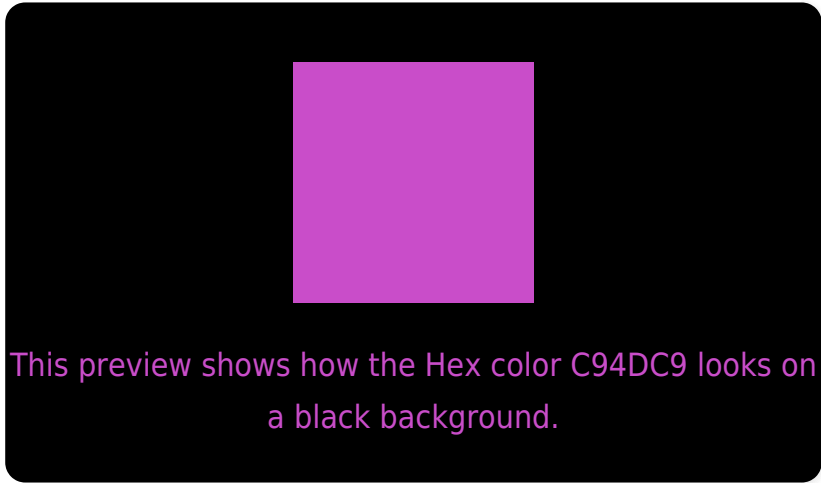
Large Text (above 18pt) WCAG AA ✓ Pass

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

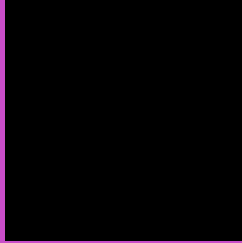
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C94DC9 Background



This preview shows how black text looks on a background with the Hex color C94DC9.

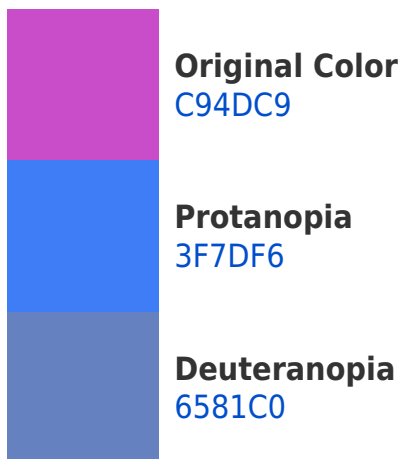



This preview shows how white text looks on a background with the Hex color C94DC9.

# 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](#).

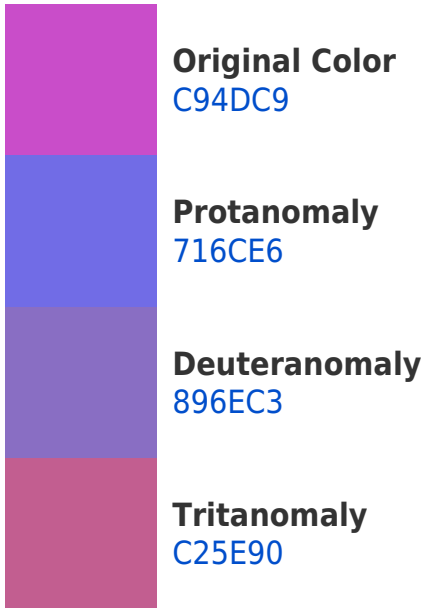
## Dichromacy





**Tritanopia**  
BE676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C94DC9 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 #C94DC9 looks like.

```
.text, #text, p{  
    color:#C94DC9  
}
```

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 #C94DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94DC9
}
```

## Border

The CSS property to change the border of an element to Hex C94DC9 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
#C94DC9 }
```

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

```
.border{ border-color:#C94DC9 }
```

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

Here you see how a box with a 4 pixel #C94DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94DC9; -webkit-box-shadow:4px 4px  
4px 4px #C94DC9; box-shadow:4px 4px 4px  
4px #C94DC9 }
```

# Background

The CSS property to change the background color of an element to Hex C94DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94DC9 }
```

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

```
.background{ background-color:#C94DC9 }
```

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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