

# Converting Colors

Hex(C94B95)

Have a look what the booklet for  
Hex(C94B95) contains.

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**Color**

**Hex(C94B95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94B95
RGB	201, 75, 149
RGB Percent	79%, 29%, 58%
CMY	0.2118, 0.7059, 0.4157
CMYK	0.00, 0.63, 0.26, 0.21
HSL	325°, 54%, 54%
HSV	325°, 63%, 79%
XYZ	32.0283, 19.6196, 30.5327
YIQ	121.1100, 51.3420, 49.7260

# Conversions

## Conversions Part 2

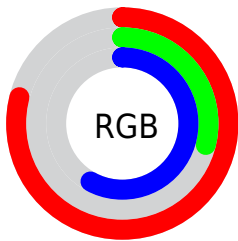
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 75, 149
Decimal	13192085
CIE <sub>Lab</sub>	51.40, 57.40, -14.69
CIE <sub>LCh</sub>	51, 59.253, 345.642
Yxy	19.6196, 0.3897, 0.2387
Android (android.graphics.Color)	4291382165 (0xFFC94B95)
YUV	121.1100, 13.7498, 70.0635
Hunter-Lab	44.2940, 51.5560, -9.8639

# Details

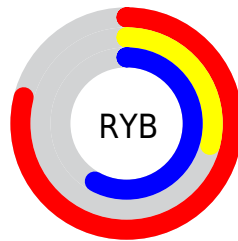
The Hex color **C94B95** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4BC97F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF83CB**, and **8F0362** is the 20% darker color. If you saturate the color by 10%, you get **C9378D**, and if you desaturate by 10%, it is **C95F9D**.

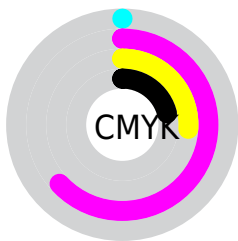
# Distribution



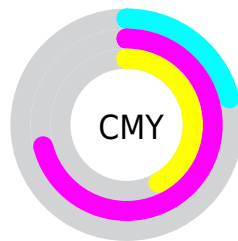
- Red (79%)
- Green (29%)
- Blue (58%)



- Red (79%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (63%)
- Yellow (26%)
- Black (21%)



- Cyan (21%)
- Magenta (71%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C94B95 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 C94B95 by changing the saturation by 10% instead.



 C94B95

 C94B95

FFFFFF

 AC2E7B

 FF83CB

 8F0362

 FF9EE7

 73004A

 FFBBFF

 580034

 FFD8FF

 3E001F

 FFF5FF

 220001

 000000

 C94B95

 C94B95

 C9378D

 C95F9D

 C92384

 C973A6

 C90F7C

 C987AE

 C90076

 C99BB6

 C9B0BE

 C9C4C7

 C9D8CF

 C9ECD7

 C9FFE0

# Harmonies

## Analogous

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



9E61C2



C94B95



D54862

# Triad

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



C94B95



7A8000



008FC2

# Complementary

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



C94B95



4BC97F

# 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.



009294



C94B95



3D8B2D

# Square

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



C94B95



A76F04



009060



0087DD

# Rectangle

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



C94B95



CE5242



009060



0091B4



# Sweetspot

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



C94B95



FFCFEB



7D4BC9



806273



000000



808080



# Same Dimension

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



C94B95



FF40B0



C94B58



635A5F



A30060



240015



# Inverse Universe

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



C94B95



FF40B0



4BC9BC



635A5F



A30060



240015



# Previews

## White Background



This preview shows how the Hex color C94B95 looks on a white background.

## Color Contrast Check

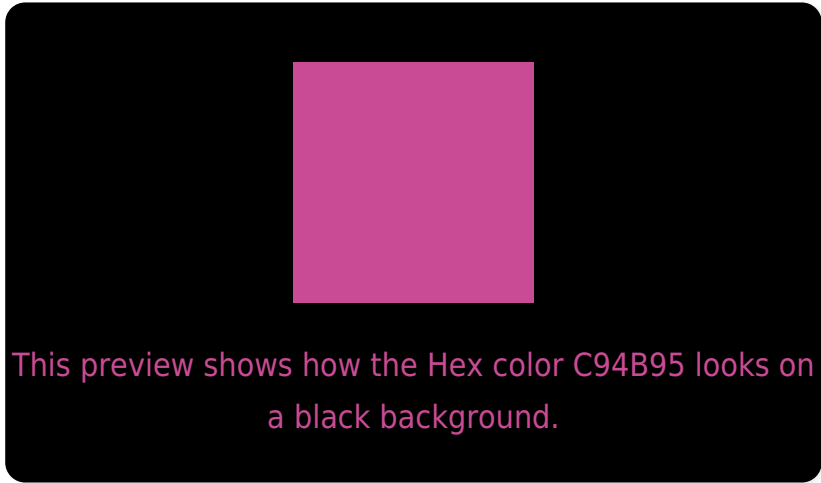
Large Text (above 18pt) WCAG AA ✓ Pass

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 C94B95 Background



This preview shows how black text looks on a background with the Hex color C94B95.

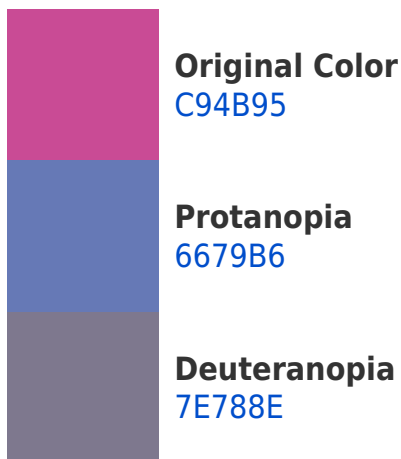


This preview shows how white text looks on a background with the Hex color C94B95.

# 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](#).

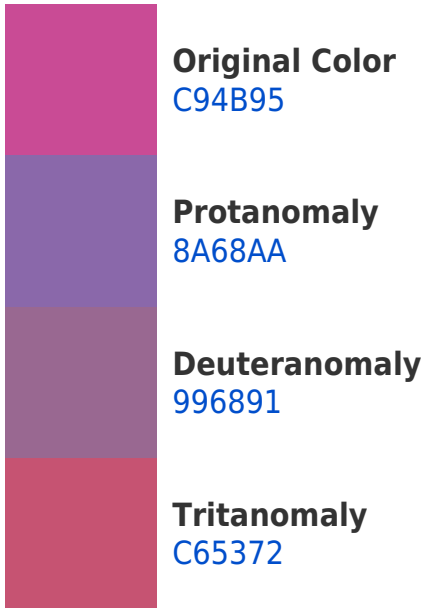
## Dichromacy



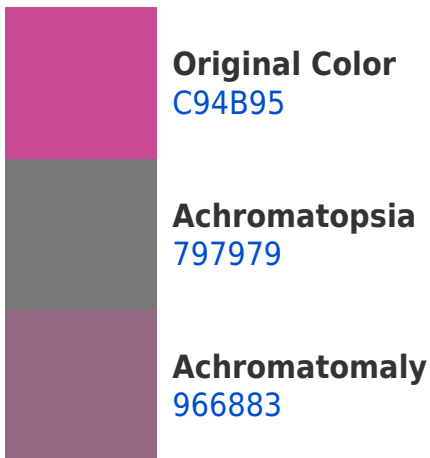


**Tritanopia**  
C4585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C94B95 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 #C94B95 looks like.

```
.text, #text, p{  
    color:#C94B95  
}
```

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 #C94B95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94B95
}
```

## Border

The CSS property to change the border of an element to Hex C94B95 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
#C94B95 }
```

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

```
.border{ border-color:#C94B95 }
```

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

Here you see how a box with a 4 pixel #C94B95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94B95; -webkit-box-shadow:4px 4px  
4px 4px #C94B95; box-shadow:4px 4px 4px  
4px #C94B95 }
```

# Background

The CSS property to change the background color of an element to Hex C94B95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94B95 }
```

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

```
.background{ background-color:#C94B95 }
```

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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