

# Converting Colors

Hex(C14E9B)

Have a look what the booklet for  
Hex(C14E9B) contains.

<b>Hex(C14E9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C14E9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C14E9B
RGB	193, 78, 155
RGB Percent	76%, 31%, 61%
CMY	0.2431, 0.6941, 0.3922
CMYK	0.00, 0.60, 0.20, 0.24
HSL	320°, 48%, 53%
HSV	320°, 60%, 76%
XYZ	30.6331, 19.1528, 33.0927
YIQ	121.1630, 43.8230, 48.3270

# Conversions

## Conversions Part 2

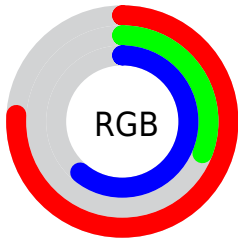
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 78, 155
Decimal	12668571
CIE <sub>Lab</sub>	50.87, 54.60, -19.18
CIE <sub>LCh</sub>	51, 57.869, 340.641
Yxy	19.1528, 0.3696, 0.2311
Android (android.graphics.Color)	4290858651 (0xFFC14E9B)
YUV	121.1630, 16.6816, 63.0010
Hunter-Lab	43.7639, 48.3565, -14.1982

# Details

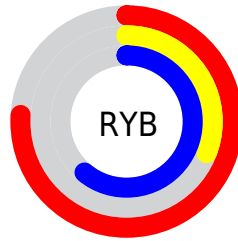
The Hex color **C14E9B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4EC174**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FC85D2**, and **880F68** is the 20% darker color. If you saturate the color by 10%, you get **C13B95**, and if you desaturate by 10%, it is **C161A1**.

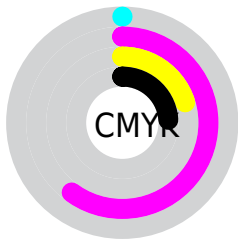
# Distribution



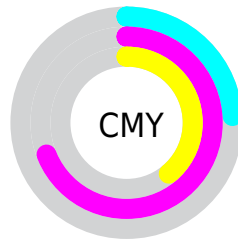
- Red (76%)
- Green (31%)
- Blue (61%)



- Red (76%)
- Yellow (31%)
- Blue (61%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (24%)



- Cyan (24%)
- Magenta (69%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C14E9B 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 C14E9B by changing the saturation by 10% instead.



 C14E9B

 C14E9B

FFFFFF

 A43281

 FC85D2

 880F68

 FFA0EE

 6D004F

 FFBDFE

 520038

 FFD9FF

 3A0023

 FFF7FF

 1B0009

 000000

 C14E9B

 C14E9B

 C13B95

 C161A1

 C1278E

 C175A8

 C11488

 C188AE

 C10181

 C19BB5

 C10081

 C1AFBB

 C1C2C1

 C1D5C8

 C1E8CE

 C1FCD4

# Harmonies

## Analogous

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



9164C5



C14E9B



D1476A

# Triad

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



C14E9B



817C00



008EB8

# Complementary

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



C14E9B



4EC174

# 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.



00908A



C14E9B



4A8827

# Square

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



C14E9B



AB6B10



008E56



0087D6

# Rectangle

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



C14E9B



CE4F4A



008E56



008FAA



# Sweetspot

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



C14E9B



FACDEB



724EC1



7D6174



FCFCFC



7D7D7D



# Same Dimension

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



C14E9B



FA46BE



C14E63



61575E



A1006C



210016



# Inverse Universe

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



C14E9B



FA46BE



4EC1AC



61575E



A1006C



210016



# Previews

## White Background



This preview shows how the Hex color C14E9B looks on a white background.

## Color Contrast Check

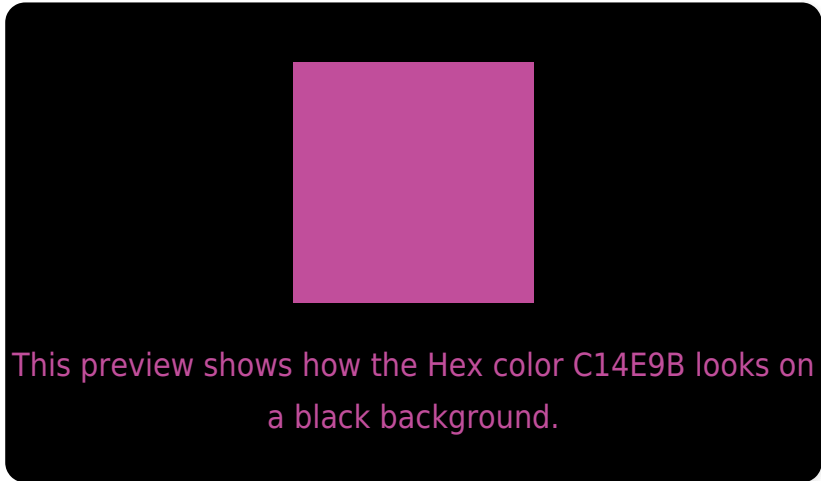
Large Text (above 18pt) WCAG AA ✓ Pass

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

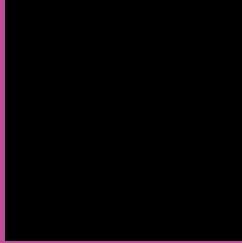
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C14E9B Background



This preview shows how black text looks on a background with the Hex color C14E9B.

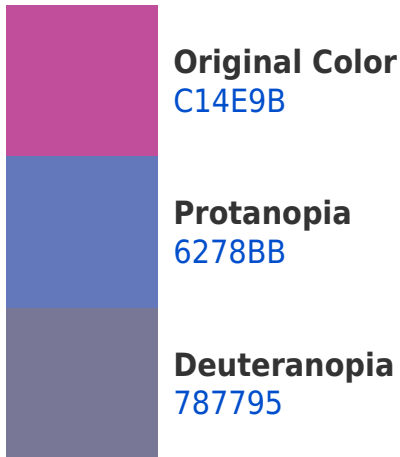


This preview shows how white text looks on a background with the Hex color C14E9B.

# 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**  
BC5C62

# Trichromacy



**Original Color**  
C14E9B



**Protanomaly**  
8569AF



**Deuteranomaly**  
936897

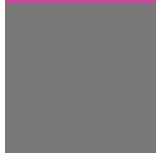


**Tritanomaly**  
BE5777

# Monochromacy



**Original Color**  
C14E9B



**Achromatopsia**  
797979



**Achromatomaly**  
936985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C14E9B 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 #C14E9B looks like.

```
.text, #text, p{  
    color:#C14E9B  
}
```

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 #C14E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C14E9B
}
```

## Border

The CSS property to change the border of an element to Hex C14E9B 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
#C14E9B }
```

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

```
.border{ border-color:#C14E9B }
```

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

Here you see how a box with a 4 pixel #C14E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C14E9B; -webkit-box-shadow:4px 4px  
4px 4px #C14E9B; box-shadow:4px 4px 4px  
4px #C14E9B }
```

# Background

The CSS property to change the background color of an element to Hex C14E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C14E9B }
```

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

```
.background{ background-color:#C14E9B }
```

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