

# Converting Colors

Hex(CE4F9F)

Have a look what the booklet for  
Hex(CE4F9F) contains.

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# Color

**Hex(CE4F9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE4F9F
RGB	206, 79, 159
RGB Percent	81%, 31%, 62%
CMY	0.1922, 0.6902, 0.3765
CMYK	0.00, 0.62, 0.23, 0.19
HSL	322°, 56%, 56%
HSV	322°, 62%, 81%
XYZ	34.5076, 21.2170, 35.0774
YIQ	126.0930, 50.0120, 51.8040

# Conversions

## Conversions Part 2

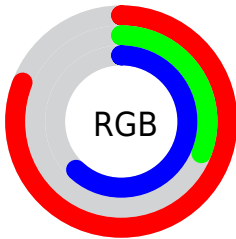
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 79, 159
Decimal	13520799
CIE Lab	53.19, 58.48, -17.82
CIE LCh	53, 61.132, 343.054
Yxy	21.2170, 0.3800, 0.2337
Android (android.graphics.Color)	4291710879 (0xFFCE4F9F)
YUV	126.0930, 16.2232, 70.0784
Hunter-Lab	46.0619, 53.1162, -12.9077

# Details

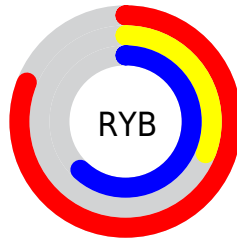
The Hex color **CE4F9F** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4FCE7E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF87D6**, and **940B6B** is the 20% darker color. If you saturate the color by 10%, you get **CE3A97**, and if you desaturate by 10%, it is **CE64A7**.

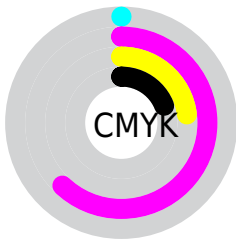
# Distribution



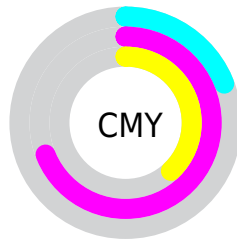
- Red (81%)
- Green (31%)
- Blue (62%)



- Red (81%)
- Yellow (31%)
- Blue (62%)



- Cyan (0%)
- Magenta (62%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (69%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE4F9F 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 CE4F9F by changing the saturation by 10% instead.



 CE4F9F

 CE4F9F

FFFFFF

 B13285

 FF87D6

 940B6B

 FFA3F2

 780053

 FFBFFF

 5D003C

 FFDCCF

 420026

 FFFAFF

 28000F

 000000

 CE4F9F

 CE4F9F

 CE3A97

 CE64A7

 CE2690

 CE78AE

 CE1188

 CE8DB6

 CE0082

 CEA1BD

 CEB6C5

 CECBCD

 CEDFD4

 CEF4DC

 CEFFE4

# Harmonies

## Analogous

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



9E66CD



CE4F9F



DD496A

# Triad

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



CE4F9F



838400



0095C6

# Complementary

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



CE4F9F



4FCE7E

# 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.



009795



CE4F9F



468F2A

# Square

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



CE4F9F



B07208



00955E



008DE4

# Rectangle

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



CE4F9F



D75349



00955E



0096B7



# Sweetspot

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



CE4F9F



FFD1EE



7E4FCE



806375



000000



808080



# Same Dimension

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



CE4F9F



FF42B9



CE4F60



665C62



A60068



260018



# Inverse Universe

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



CE4F9F



FF42B9



4FCEBD



665C62



A60068



260018



# Previews

## White Background



This preview shows how the Hex color CE4F9F looks on a white background.

## Color Contrast Check

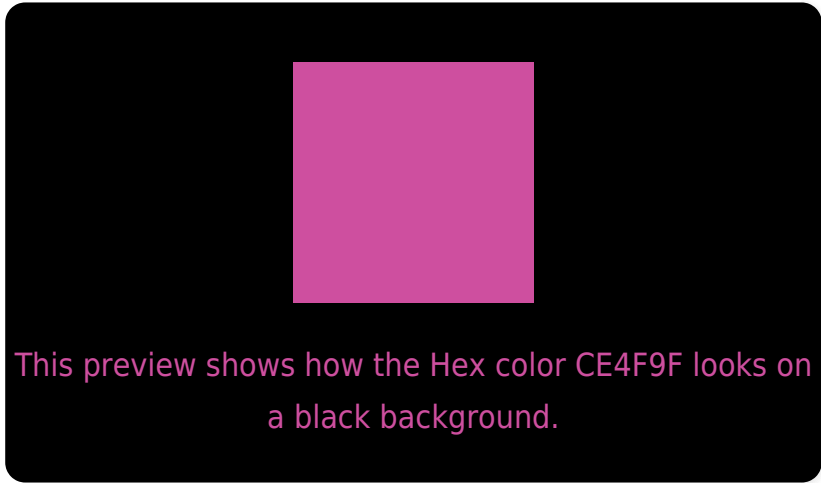
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE4F9F Background



This preview shows how black text looks on a background with the Hex color CE4F9F.



This preview shows how white text looks on a background with the Hex color CE4F9F.

# 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



**Original Color**  
CE4F9F

**Protanopia**  
687DC2

**Deuteranopia**  
807D98



**Tritanopia**  
C95D64

# Trichromacy



**Original Color**  
CE4F9F



**Protanomaly**  
8D6CB5



**Deuteranomaly**  
9C6C9B

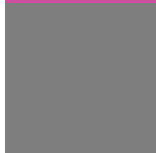


**Tritanomaly**  
CB5879

# Monochromacy



**Original Color**  
CE4F9F



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
9B6D8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE4F9F 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 #CE4F9F looks like.

```
.text, #text, p{  
    color:#CE4F9F  
}
```

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 #CE4F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE4F9F
}
```

## Border

The CSS property to change the border of an element to Hex CE4F9F 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
#CE4F9F }
```

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

```
.border{ border-color:#CE4F9F }
```

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

Here you see how a box with a 4 pixel #CE4F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE4F9F; -webkit-box-shadow:4px 4px  
4px 4px #CE4F9F; box-shadow:4px 4px 4px  
4px #CE4F9F }
```

# Background

The CSS property to change the background color of an element to Hex CE4F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4F9F }
```

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

```
.background{ background-color:#CE4F9F }
```

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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