

# Converting Colors

Hex(CE6FB8)

Have a look what the booklet for  
Hex(CE6FB8) contains.

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# **Color**

**Hex(CE6FB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE6FB8
RGB	206, 111, 184
RGB Percent	81%, 44%, 72%
CMY	0.1922, 0.5647, 0.2784
CMYK	0.00, 0.46, 0.11, 0.19
HSL	314°, 49%, 62%
HSV	314°, 46%, 81%
XYZ	39.7898, 27.9514, 48.6454
YIQ	147.7270, 33.1870, 42.8430

# Conversions

## Conversions Part 2

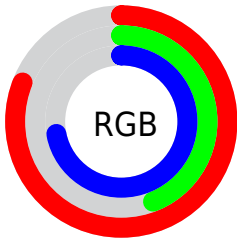
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 111, 184
Decimal	13529016
CIE Lab	59.84, 47.12, -22.13
CIE LCh	60, 52.056, 334.845
Yxy	27.9514, 0.3419, 0.2402
Android (android.graphics.Color)	4291719096 (0xFFCE6FB8)
YUV	147.7270, 17.8826, 51.1054
Hunter-Lab	52.8691, 41.8199, -17.5450

# Details

The Hex color **CE6FB8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6FCE85**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA5F0**, and **963A83** is the 20% darker color. If you saturate the color by 10%, you get **CE5AB3**, and if you desaturate by 10%, it is **CE84BD**.

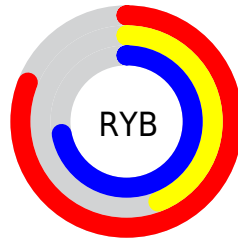
# Distribution



Red (81%)

Green (44%)

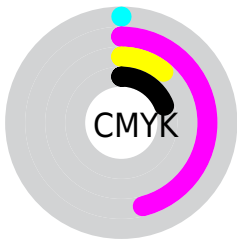
Blue (72%)



Red (81%)

Yellow (44%)

Blue (72%)

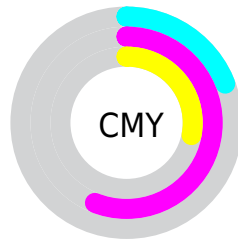


Cyan (0%)

Magenta (46%)

Yellow (11%)

Black (19%)



Cyan (19%)

Magenta (56%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE6FB8 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 CE6FB8 by changing the saturation by 10% instead.



 CE6FB8

 CE6FB8

FFFFFF

 B2559D

 FFA5F0

 963A83

 FFC1FF

 7A1F69

 FFDEFF


 600051

 FFFBFF

 46003A

 300024

 03000B

 000000

 CE6FB8

 CE6FB8

 CE5AB3

 CE84BD

 CE46AE

 CE98C2

 CE31AA

 CEADC6

 CE1DA5

 CEC1CB

 CE08A0

 CED6D0

 CE009E

 CEEBD5

 CEFFD9

 CEFFDE

 CEFFE3

# Harmonies

## Analogous

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



9C81DC



CE6FB8



E4678B

# Triad

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



CE6FB8



A2902E



00A5C3

# Complementary

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



CE6FB8



6FCE85

# 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.



00A796



CE6FB8



739D41

# Square

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



CE6FB8



C8803C



2AA467



009FE3

# Rectangle

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



CE6FB8



E46B6C



2AA467



00A6B5



# Sweetspot

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



CE6FB8



FFDBF7



846FCE



806A7A



000000



808080



# Same Dimension

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



CE6FB8



FF73DF



CE6F8A



665C64



A6007F



26001D



# Inverse Universe

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



CE6FB8



FF73DF



6FCEB3



665C64



A6007F

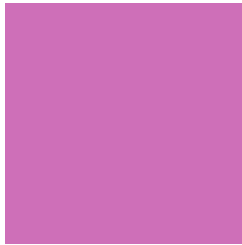


26001D



# Previews

## White Background



This preview shows how the Hex color CE6FB8 looks on a white background.

## Color Contrast Check

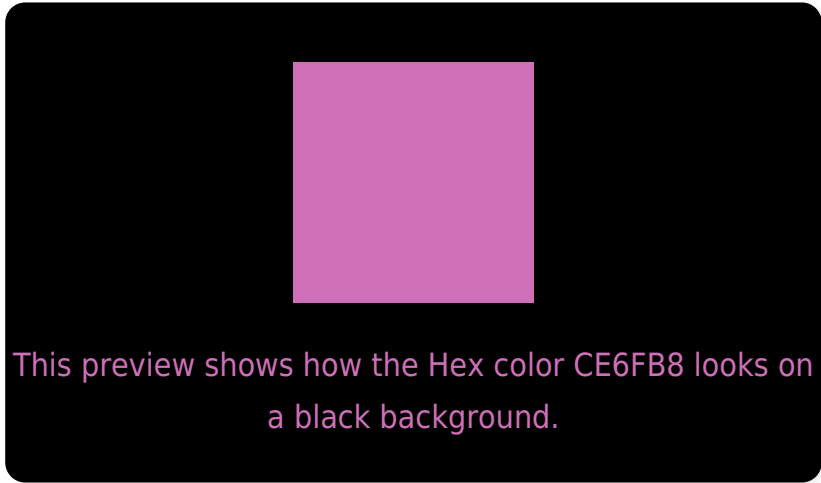
Large Text (above 18pt) WCAG AA ✓ Pass

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

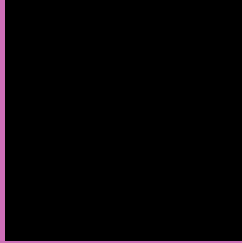
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CE6FB8 Background



This preview shows how black text looks on a background with the Hex color CE6FB8.

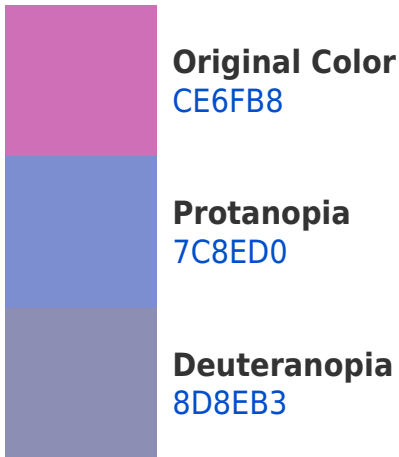



This preview shows how white text looks on a background with the Hex color CE6FB8.

# 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**  
C87A83

# Trichromacy



**Original Color**  
CE6FB8



**Protanomaly**  
9A83C7



**Deuteranomaly**  
A583B5

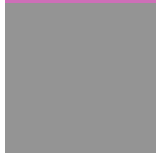


**Tritanomaly**  
CA7696

# Monochromacy



**Original Color**  
CE6FB8



**Achromatopsia**  
949494



**Achromatomaly**  
A987A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE6FB8 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 #CE6FB8 looks like.

```
.text, #text, p{  
    color:#CE6FB8  
}
```

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 #CE6FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6FB8 }
}
```

## Border

The CSS property to change the border of an element to Hex CE6FB8 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 #CE6FB8 }
}
```

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

```
.border{ border-color:#CE6FB8 }
```

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

Here you see how a box with a 4 pixel #CE6FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6FB8; -webkit-box-shadow:4px 4px  
4px 4px #CE6FB8; box-shadow:4px 4px 4px  
4px #CE6FB8 }
```

# Background

The CSS property to change the background color of an element to Hex CE6FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6FB8 }
```

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

```
.background{ background-color:#CE6FB8 }
```

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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