

# Converting Colors

Hex(CF4CBE)

Have a look what the booklet for  
Hex(CF4CBE) contains.

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# Color

**Hex(CF4CBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF4CBE
RGB	207, 76, 190
RGB Percent	81%, 30%, 75%
CMY	0.1882, 0.7020, 0.2549
CMYK	0.00, 0.63, 0.08, 0.19
HSL	308°, 58%, 55%
HSV	308°, 63%, 81%
XYZ	37.6108, 22.1520, 51.0086
YIQ	128.1650, 41.4820, 63.2260

# Conversions

## Conversions Part 2

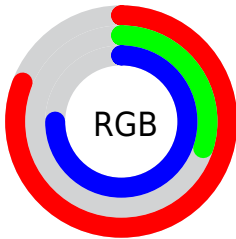
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 76, 190</a>
Decimal	<a href="#">13585598</a>
CIELab	<a href="#">54.19, 64.55, -34.32</a>
CIElCh	<a href="#">54, 73.102, 332.002</a>
Yxy	<a href="#">22.1520, 0.3395, 0.2000</a>
Android (android.graphics.Color)	<a href="#">4291775678 (0xFFCF4CBE)</a>
YUV	<a href="#">128.1650, 30.4847, 69.1383</a>
Hunter-Lab	<a href="#">47.0659, 60.2758, -31.3106</a>

# Details

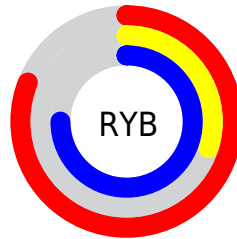
The Hex color **CF4CBE** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **4CCF5D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF85F7**, and **950088** is the 20% darker color. If you saturate the color by 10%, you get **CF37BB**, and if you desaturate by 10%, it is **CF61C1**.

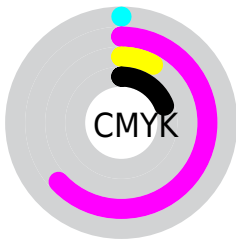
# Distribution



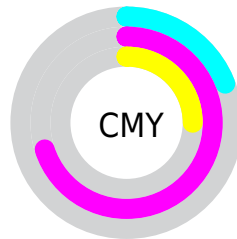
- Red (81%)
- Green (30%)
- Blue (75%)



- Red (81%)
- Yellow (30%)
- Blue (75%)



- Cyan (0%)
- Magenta (63%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (70%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF4CBE 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 CF4CBE by changing the saturation by 10% instead.



 CF4CBE

 CF4CBE

FFFFFF

 B22DA3

 FF85F7

 950088

 FFA1FF

 79006E

 FFBEFF

 5E0056

 FFDBFF

 43003E

 FFF9FF

 290027

 000110

 000000

 CF4CBE

 CF4CBE

 CF37BB

 CF61C1

 CF23B9

 CF75C3

 CF0EB6

 CF8AC6

 CF00B4

 CF9FC9

 CFB4CB

 CFC8CE

 CFDDD1

 CFF2D3

 CFFFD6

# Harmonies

## Analogous

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



826EEE



CF4CBE



EE3480

# Triad

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



CF4CBE



998000



009DC3

# Complementary

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



CF4CBE



4CCF5D

# 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.



009D84



CF4CBE



589100

# Square

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



CF4CBE



CA6700



009942



0097F1

# Rectangle

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



CF4CBE



EE3D57



009942



009DAF



# Sweetspot

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



CF4CBE



FFCFF9



5B4CCF



80627C



000000



808080



# Same Dimension

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



CF4CBE



FF3DE6



CF4C7E



695E67



A80092



290024



# Inverse Universe

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



CF4CBE



FF3DE6



4CCF9D



695E67



A80092



290024



# Previews

## White Background



This preview shows how the Hex color CF4CBE looks on a white background.

## Color Contrast Check

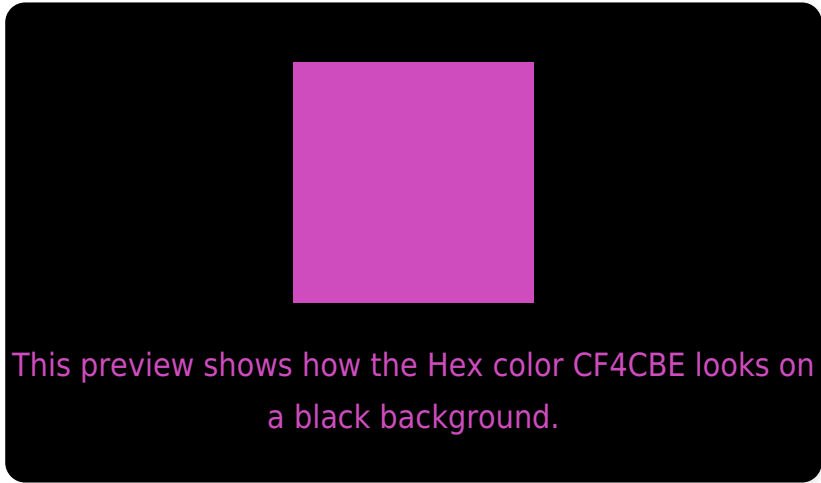
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF4CBE Background



This preview shows how black text looks on a background with the Hex color CF4CBE.

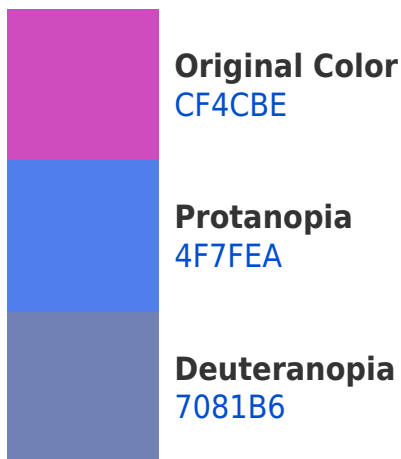



This preview shows how white text looks on a background with the Hex color CF4CBE.

# 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](#).

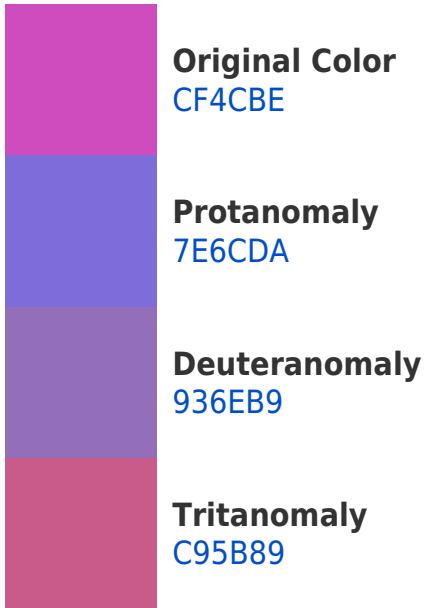
## Dichromacy



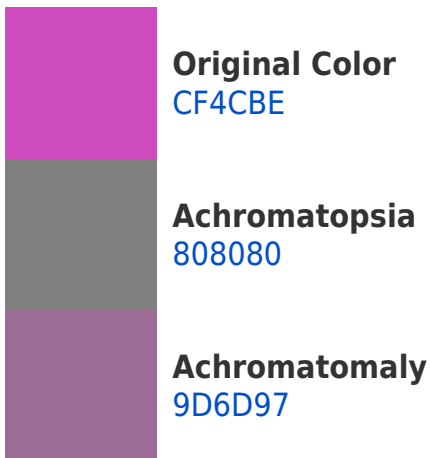


**Tritanopia**  
C6636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF4CBE 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 #CF4CBE looks like.

```
.text, #text, p{  
    color:#CF4CBE  
}
```

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 #CF4CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF4CBE
}
```

## Border

The CSS property to change the border of an element to Hex CF4CBE 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
#CF4CBE }
```

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

```
.border{ border-color:#CF4CBE }
```

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

Here you see how a box with a 4 pixel #CF4CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF4CBE; -webkit-box-shadow:4px 4px  
4px 4px #CF4CBE; box-shadow:4px 4px 4px  
4px #CF4CBE }
```

# Background

The CSS property to change the background color of an element to Hex CF4CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF4CBE }
```

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

```
.background{ background-color:#CF4CBE }
```

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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