

Converting Colors

Hex(CF5BB3)

Have a look what the booklet for
Hex(CF5BB3) contains.

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Color

Hex(CF5BB3)

Conversions

Conversions Part 1

Format	Color
Hex	CF5BB3
RGB	207, 91, 179
RGB Percent	81%, 36%, 70%
CMY	0.1882, 0.6431, 0.2980
CMYK	0.00, 0.56, 0.14, 0.19
HSL	314°, 55%, 58%
HSV	314°, 56%, 81%
XYZ	37.6099, 24.0022, 45.2985
YIQ	135.7160, 40.8880, 51.9600

Conversions

Conversions Part 2

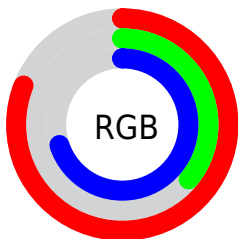
Format	Color
R_{YB}	207, 91, 179
Decimal	13589427
CIE _{Lab}	56.09, 56.34, -25.01
CIE _{LCh}	56, 61.646, 336.064
Yxy	24.0022, 0.3518, 0.2245
Android (android.graphics.Color)	4291779507 (0xFFCF5BB3)
YUV	135.7160, 21.3390, 62.5161
Hunter-Lab	48.9921, 51.2935, -20.5255

Details

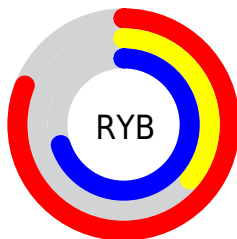
The Hex color **CF5BB3** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5BCF77**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF92EB**, and **96217E** is the 20% darker color. If you saturate the color by 10%, you get **CF46AE**, and if you desaturate by 10%, it is **CF70B8**.

Distribution



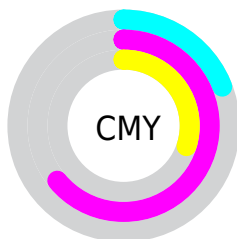
- Red (81%)
- Green (36%)
- Blue (70%)



- Red (81%)
- Yellow (36%)
- Blue (70%)



- Cyan (0%)
- Magenta (56%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF5BB3 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 CF5BB3 by changing the saturation by 10% instead.

 CF5BB3

 CF5BB3

FFFFFF

 B23F98

 FF92EB

 96217E

 FFAEFF

 7A0065

 FFCBFF

 5F004D

 FFE8FF

 440035

 2C0020

 000003

 000000

 CF5BB3

 CF5BB3

 CF46AE

 CF70B8

 CF32A9

 CF84BD

 CF1DA4

 CF99C2

 CF089F

 CFAEC7

 CF009D

 CFC3CC

 CFD7D1

 CFECD6

 CFFFDB

 CFFFE0

Harmonies

Analogous

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



9573DE



CF5BB3



E6507E

Triad

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



CF5BB3



978700



009EC4

Complementary

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



CF5BB3



5BCF77

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.



009F90



CF5BB3



5E9526

Square

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



CF5BB3



C2741D



009C59



0097E8

Rectangle

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



CF5BB3



E4565B



009C59



009FB4

Sweetspot

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



CF5BB3



FFD4F5



765BCF



806679



000000



808080

Same Dimension

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



CF5BB3



FF54D6



CF5B7A



695E66



A80080



29001F

Inverse Universe

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



CF5BB3



FF54D6



5BCFB0



695E66



A80080



29001F

Previews

White Background



This preview shows how the Hex color CF5BB3 looks on a white background.

Color Contrast Check

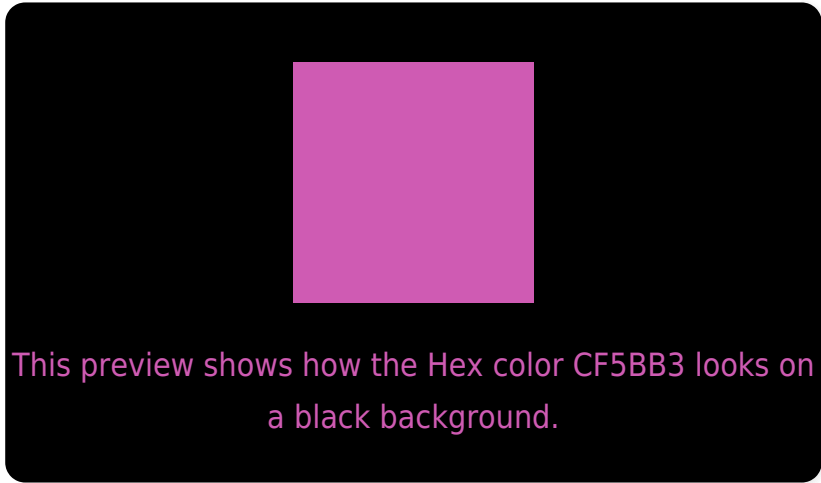
Large Text (above 18pt) WCAG AA ✓ Pass

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

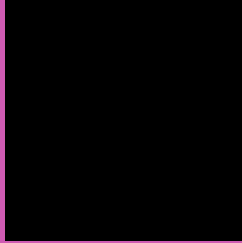
Any Text WCAG AA ✓ Pass

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 CF5BB3 Background



This preview shows how black text looks on a background with the Hex color CF5BB3.

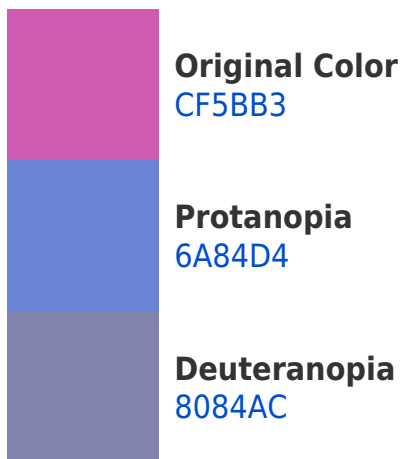



This preview shows how white text looks on a background with the Hex color CF5BB3.

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
C86B72

Trichromacy



Original Color
CF5BB3



Protanomaly
8F75C8



Deuteranomaly
9D75AF

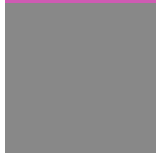


Tritanomaly
CB658A

Monochromacy



Original Color
CF5BB3



Achromatopsia
888888



Achromatomaly
A27898

CSS Examples

Text

The CSS property to change the color of the text to Hex CF5BB3 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 #CF5BB3 looks like.

```
.text, #text, p{  
    color:#CF5BB3  
}
```

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 #CF5BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF5BB3
}
```

Border

The CSS property to change the border of an element to Hex CF5BB3 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
#CF5BB3 }
```

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

```
.border{ border-color:#CF5BB3 }
```

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

Here you see how a box with a 4 pixel #CF5BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF5BB3; -webkit-box-shadow:4px 4px  
4px 4px #CF5BB3; box-shadow:4px 4px 4px  
4px #CF5BB3 }
```

Background

The CSS property to change the background color of an element to Hex CF5BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF5BB3 }
```

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

```
.background{ background-color:#CF5BB3 }
```

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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