

Converting Colors

Hex(CF45B0)

Have a look what the booklet for
Hex(CF45B0) contains.

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Color

Hex(CF45B0)

Conversions

Conversions Part 1

Format	Color
Hex	CF45B0
RGB	207, 69, 176
RGB Percent	81%, 27%, 69%
CMY	0.1882, 0.7294, 0.3098
CMYK	0.00, 0.67, 0.15, 0.19
HSL	313°, 59%, 54%
HSV	313°, 67%, 81%
XYZ	35.6967, 20.6562, 43.1799
YIQ	122.4600, 47.9010, 62.5330

Conversions

Conversions Part 2

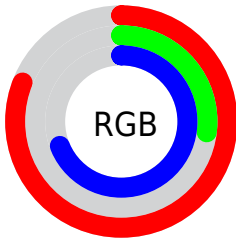
Format	Color
R _{YB}	207, 69, 176
Decimal	13583792
CIE _{Lab}	52.57, 65.18, -28.71
CIE _{LCh}	53, 71.223, 336.225
Yxy	20.6562, 0.3586, 0.2075
Android (android.graphics.Color)	4291773872 (0xFFCF45B0)
YUV	122.4600, 26.3952, 74.1416
Hunter-Lab	45.4491, 60.6618, -24.5154

Details

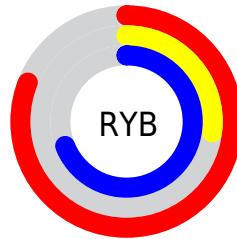
The Hex color **CF45B0** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **45CF64**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7FE8**, and **95007B** is the 20% darker color. If you saturate the color by 10%, you get **CF30AB**, and if you desaturate by 10%, it is **CF5AB5**.

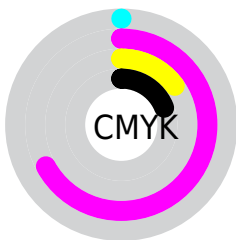
Distribution



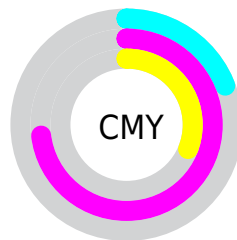
- Red (81%)
- Green (27%)
- Blue (69%)



- Red (81%)
- Yellow (27%)
- Blue (69%)



- Cyan (0%)
- Magenta (67%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF45B0 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 CF45B0 by changing the saturation by 10% instead.

 CF45B0

 CF45B0

FFFFFF

 B22495

 FF7FE8

 95007B

 FF9BFF

 790062

 FFB8FF

 5D004A

 FFD5FF

 430033

 FFF3FF

 27001D

 000000

 CF45B0

 CF45B0

 CF30AB

 CF5AB5

 CF1CA7

 CF6EB9

 CF07A2

 CF83BE

 CF00A0

 CF98C3

 CFACC7

 CFC1CC

 CFD6D1

 CFEBD5

 CFFFDA

Harmonies

Analogous

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



8C67E1



CF45B0



E73373

Triad

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



CF45B0



8C7F00



0097C5

Complementary

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



CF45B0



45CF64

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.



009889



CF45B0



4A8E00

Square

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



CF45B0



BE6800



009549



0091EE

Rectangle

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



CF45B0



E53F4C



009549



0098B2

Sweetspot

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



CF45B0



FFCCF4



6345CF



806179



000000



808080

Same Dimension

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



CF45B0



FF33D1



CF456C



695E66



A80082



290020

Inverse Universe

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



CF45B0



FF33D1



45CFA8



695E66



A80082



290020

Previews

White Background



This preview shows how the Hex color CF45B0 looks on a white background.

Color Contrast Check

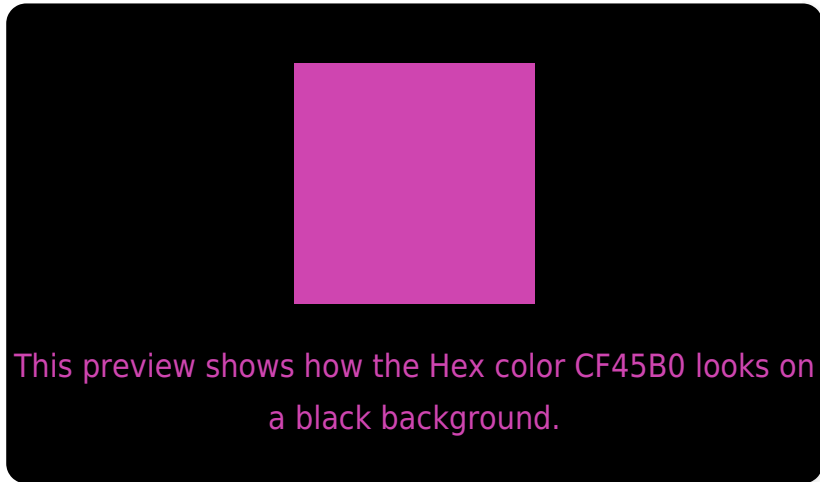
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF45B0 Background



This preview shows how black text looks on a background with the Hex color CF45B0.

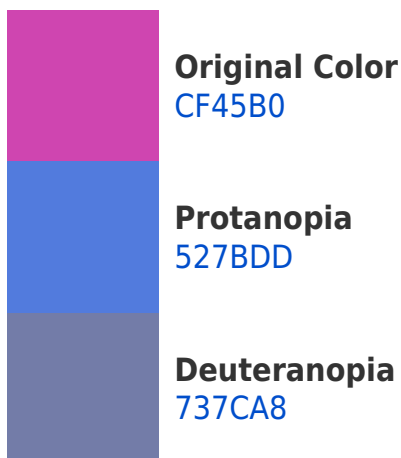


This preview shows how white text looks on a background with the Hex color CF45B0.

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
C75B62

Trichromacy



Original Color
CF45B0



Protanomaly
7F67CD



Deuteranomaly
9468AB



Tritanomaly
CA537E

Monochromacy



Original Color
CF45B0



Achromatopsia
7A7A7A



Achromatomaly
99678E

CSS Examples

Text

The CSS property to change the color of the text to Hex CF45B0 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 #CF45B0 looks like.

```
.text, #text, p{  
    color:#CF45B0  
}
```

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 #CF45B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF45B0
}
```

Border

The CSS property to change the border of an element to Hex CF45B0 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
#CF45B0 }
```

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

```
.border{ border-color:#CF45B0 }
```

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

Here you see how a box with a 4 pixel #CF45B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF45B0; -webkit-box-shadow:4px 4px  
4px 4px #CF45B0; box-shadow:4px 4px 4px  
4px #CF45B0 }
```

Background

The CSS property to change the background color of an element to Hex CF45B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF45B0 }
```

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

```
.background{ background-color:#CF45B0 }
```

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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