

# Converting Colors

Hex(C45AF0)

Have a look what the booklet for  
Hex(C45AF0) contains.

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# Color

**Hex(C45AF0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C45AF0
RGB	196, 90, 240
RGB Percent	77%, 35%, 94%
CMY	0.2314, 0.6471, 0.0588
CMYK	0.18, 0.62, 0.00, 0.06
HSL	282°, 83%, 65%
HSV	282°, 62%, 94%
XYZ	42.1493, 25.3394, 85.1075
YIQ	138.7940, 15.0260, 69.1220

# Conversions

## Conversions Part 2

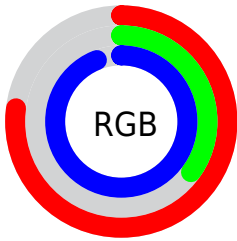
Format	Color
R <sub>YB</sub>	196, 90, 240
Decimal	12868336
CIE <sub>Lab</sub>	57.40, 64.89, -57.67
CIE <sub>LCh</sub>	57, 86.815, 318.370
Yxy	25.3394, 0.2762, 0.1661
Android (android.graphics.Color)	4291058416 (0xFFC45AF0)
YUV	138.7940, 49.8946, 50.1697
Hunter-Lab	50.3382, 61.3701, -65.0057

# Details

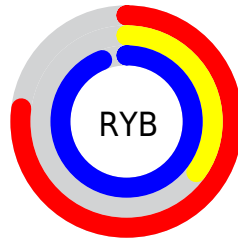
The Hex color **C45AF0** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **86F05A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF92FF**, and **8A1EB7** is the 20% darker color. If you saturate the color by 10%, you get **BD42F0**, and if you desaturate by 10%, it is **CB72F0**.

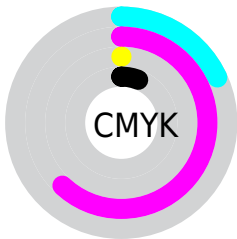
# Distribution



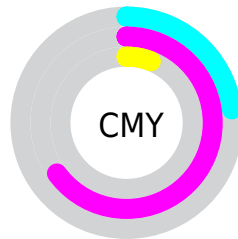
- Red (77%)
- Green (35%)
- Blue (94%)



- Red (77%)
- Yellow (35%)
- Blue (94%)



- Cyan (18%)
- Magenta (62%)
- Yellow (0%)
- Black (6%)



- Cyan (23%)
- Magenta (65%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C45AF0 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 C45AF0 by changing the saturation by 10% instead.



 C45AF0

 C45AF0

FFFFFF

 A73ED3

 FF92FF

 8A1EB7

 FFAEFF

 6E009C

 FFCAFF

 520081

 FFE8FF

 350067

 19004E

 000036

 000220

 000004

 C45AF0

 C45AF0

 BD42F0

 CB72F0

 B62AF0

 D28AF0

 AF12F0

 D9A2F0

 AA00F0

 E0BAF0

 E7D2F0

 EEEAF0

 F5FFF0

 FCFFF0

 FFFFF0

# Harmonies

## Analogous

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



0083FF



C45AF0



FF22AB

# Triad

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



C45AF0



BF7C00



00AAB8

# Complementary

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



C45AF0



86F05A

# 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.



00A869



C45AF0



7B9400

# Square

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



C45AF0



F2550E



00A207



00A7FB

# Rectangle

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



C45AF0



FF0D78



00A207



00AA9E



# Sweetspot

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



C45AF0



F1CFFF



5A87F0



776280



000000



808080



# Same Dimension

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



C45AF0



C740FF



F05AD2



746C78



8200B8



280038



# Inverse Universe

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



F05A86



FF4078



5AF078



786C6F



B80036

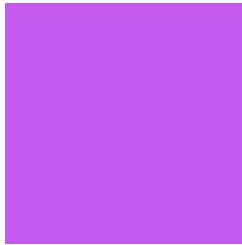


380010



# Previews

## White Background



This preview shows how the Hex color C45AF0 looks on a white background.

## Color Contrast Check

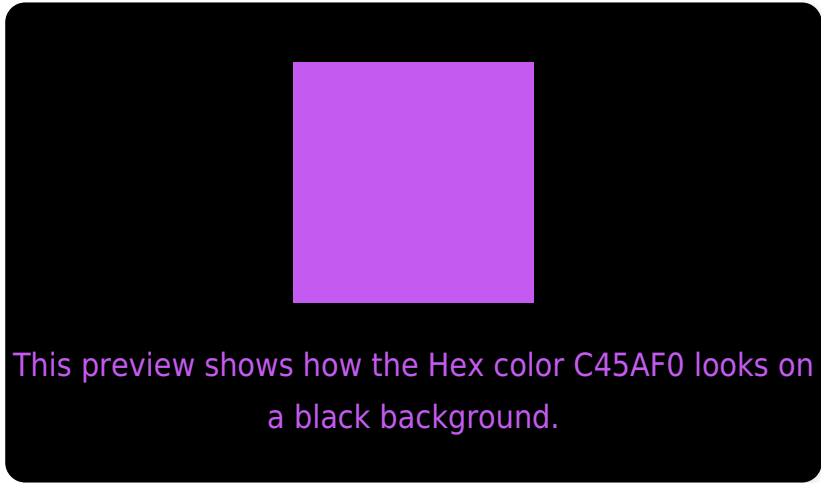
Large Text (above 18pt) WCAG AA ✓ Pass

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

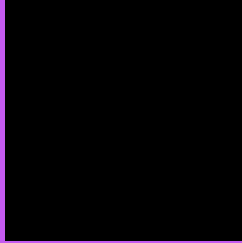
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C45AF0 Background



This preview shows how black text looks on a background with the Hex color C45AF0.

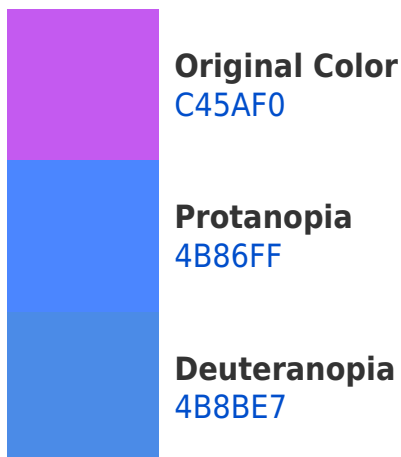



This preview shows how white text looks on a background with the Hex color C45AF0.

# 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**  
B47A83

# Trichromacy



**Original Color**  
C45AF0



**Protanomaly**  
7776FA



**Deuteranomaly**  
7779EA



**Tritanomaly**  
BA6EAB

# Monochromacy



**Original Color**  
C45AF0



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
A079B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C45AF0 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 #C45AF0 looks like.

```
.text, #text, p{  
    color:#C45AF0  
}
```

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 #C45AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45AF0
}
```

## Border

The CSS property to change the border of an element to Hex C45AF0 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
#C45AF0 }
```

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

```
.border{ border-color:#C45AF0 }
```

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

Here you see how a box with a 4 pixel #C45AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45AF0; -webkit-box-shadow:4px 4px  
4px 4px #C45AF0; box-shadow:4px 4px 4px  
4px #C45AF0 }
```

# Background

The CSS property to change the background color of an element to Hex C45AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45AF0 }
```

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

```
.background{ background-color:#C45AF0 }
```

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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