

# Converting Colors

Hex(C65CFE)

Have a look what the booklet for  
Hex(C65CFE) contains.

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# Color

**Hex(C65CFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C65CFE
RGB	198, 92, 254
RGB Percent	78%, 36%, 100%
CMY	0.2235, 0.6392, 0.0039
CMYK	0.22, 0.64, 0.00, 0.00
HSL	279°, 99%, 68%
HSV	279°, 64%, 100%
XYZ	45.0052, 26.8158, 96.5699
YIQ	142.1620, 11.1740, 72.8540

# Conversions

## Conversions Part 2

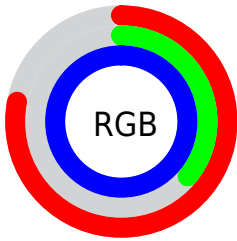
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	198, 92, 254
Decimal	12999934
CIE <sub>Lab</sub>	58.80, 67.28, -63.19
CIE <sub>LCh</sub>	59, 92.302, 316.799
Yxy	26.8158, 0.2673, 0.1592
Android (android.graphics.Color)	4291190014 (0xFFC65CFE)
YUV	142.1620, 55.1361, 48.9699
Hunter-Lab	51.7840, 64.5116, -74.3187

# Details

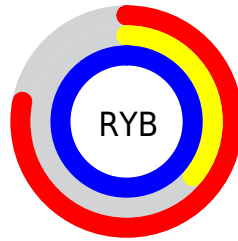
The Hex color **C65CFE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **94FE5C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF94FF**, and **8C1FC4** is the 20% darker color. If you saturate the color by 10%, you get **BD43FE**, and if you desaturate by 10%, it is **CF75FE**.

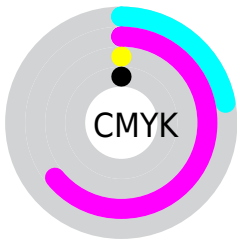
# Distribution



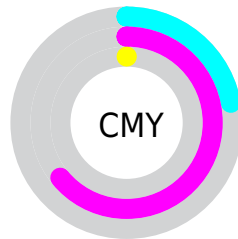
- Red (78%)
- Green (36%)
- Blue (100%)



- Red (78%)
- Yellow (36%)
- Blue (100%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C65CFE 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 C65CFE by changing the saturation by 10% instead.



 C65CFE

 C65CFE

FFFFFF

 A940E1

 FF94FF

 8C1FC4

 FFB0FF

 6F00A8

 FFCDFE

 52008D

 FFEAFF

 340073

 16005A

 000041

 00032A

 000114

 C65CFE

 C65CFE

 BD43FE

 CF75FE

 B429FE

 D88FFE

 AC10FE

 E0A8FE

 A600FE

 E9C2FE

 F2DBFE

 FBF4FE

FFFFFFE

# Harmonies

## Analogous

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



0088FF



C65CFE



FF11B5

# Triad

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



C65CFE



C97D00



00AFBA

# Complementary

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



C65CFE



94FE5C

# 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.



00AD65



C65CFE



819800

# Square

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



C65CFE



FD510B



00A600



00ADFF

# Rectangle

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



C65CFE



FF007F



00A600



00AF9F



# Sweetspot

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



C65CFE



EECFFF



5C95FE



756280



000000



808080



# Same Dimension

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



C65CFE



BB3BFF



FE5CE6



7B7380



7D00BF



2A0040



# Inverse Universe

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



FE5C94



FF3B7F



5CFE74



807377



BF0042

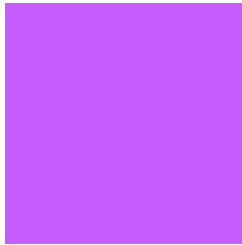


400016



# Previews

## White Background



This preview shows how the Hex color C65CFE looks on a white background.

## Color Contrast Check

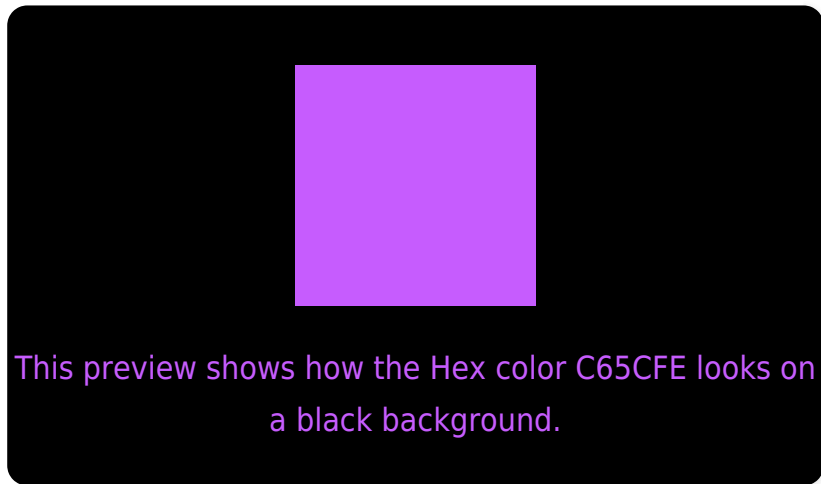
Large Text (above 18pt) WCAG AA ✓ Pass

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

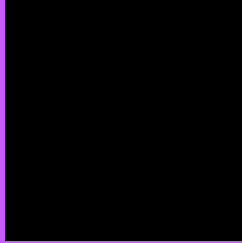
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C65CFE Background



This preview shows how black text looks on a background with the Hex color C65CFE.

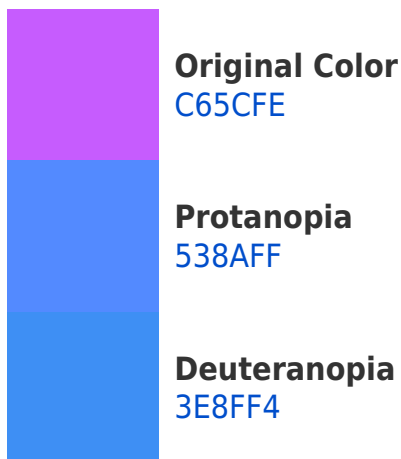


This preview shows how white text looks on a background with the Hex color C65CFE.

# 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](#).

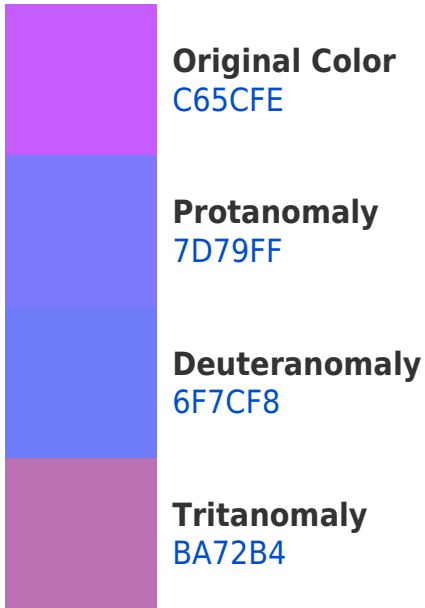
## Dichromacy



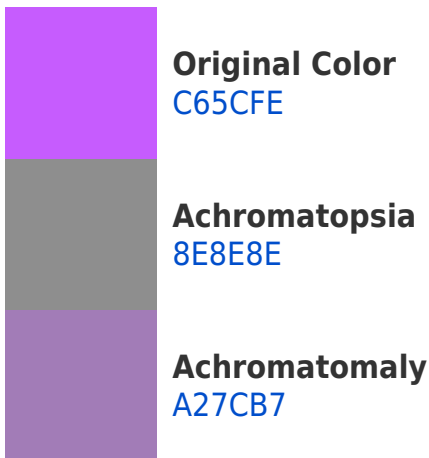


**Tritanopia**  
B37F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C65CFE 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 #C65CFE looks like.

```
.text, #text, p{  
    color:#C65CFE  
}
```

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 #C65CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65CFE
}
```

## Border

The CSS property to change the border of an element to Hex C65CFE 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
#C65CFE }
```

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

```
.border{ border-color:#C65CFE }
```

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

Here you see how a box with a 4 pixel #C65CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65CFE; -webkit-box-shadow:4px 4px  
4px 4px #C65CFE; box-shadow:4px 4px 4px  
4px #C65CFE }
```

# Background

The CSS property to change the background color of an element to Hex C65CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65CFE }
```

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

```
.background{ background-color:#C65CFE }
```

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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