

# Converting Colors

Hex(C35BFF)

Have a look what the booklet for  
Hex(C35BFF) contains.

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**Color**

**Hex(C35BFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C35BFF
RGB	195, 91, 255
RGB Percent	76%, 36%, 100%
CMY	0.2353, 0.6431, 0.0000
CMYK	0.24, 0.64, 0.00, 0.00
HSL	278°, 100%, 68%
HSV	278°, 64%, 100%
XYZ	44.2968, 26.3043, 97.3503
YIQ	140.7920, 9.3400, 73.0520

# Conversions

## Conversions Part 2

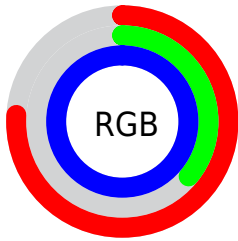
Format	Color
R <sub>Y</sub> B	195, 91, 255
Decimal	12803071
CIE Lab	58.32, 67.29, -64.53
CIE LCh	58, 93.231, 316.201
Yxy	26.3043, 0.2637, 0.1566
Android (android.graphics.Color)	4290993151 (0xFFC35BFF)
YUV	140.7920, 56.3045, 47.5404
Hunter-Lab	51.2877, 64.4155, -76.6382

# Details

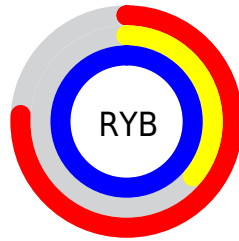
The Hex color **C35BFF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **97FF5B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF93FF**, and **891EC5** is the 20% darker color. If you saturate the color by 10%, you get **BA42FF**, and if you desaturate by 10%, it is **CC75FF**.

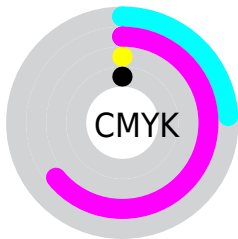
# Distribution



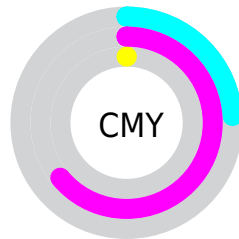
- Red (76%)
- Green (36%)
- Blue (100%)



- Red (76%)
- Yellow (36%)
- Blue (100%)



- Cyan (24%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35BFF 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 C35BFF by changing the saturation by 10% instead.



 C35BFF

FFFFFF

 FF93FF

 FFAFFF

 FFCCFF

 FFE9FF

 C35BFF

 A63FE2

 891EC5

 6C00A9

 4F008E

 300074

 0F005A

 000042

 00032A

 000115

 C35BFF

 C35BFF

 BA42FF

 CC75FF

 B028FF

 D68EFF

 A70FFF

 DFA8FF

 A200FF

 E8C1FF

 F2DBFF

 FBF4FF

FFFFFF

# Harmonies

## Analogous

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



0088FF



C35BFF



FF05B6

# Triad

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



C35BFF



C97B00



00AEB8

# Complementary

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



C35BFF



97FF5B

# 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.



00AC62



C35BFF



819600

# Square

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



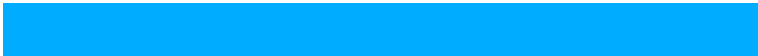
C35BFF



FD4D0A



00A500



00ACFF

# Rectangle

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



C35BFF



FF007F



00A500



00AE9C



# Sweetspot

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



C35BFF



EDCFFF



5B97FF



756280



000000



808080



# Same Dimension

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



C35BFF



B73BFF



FF5BE9



7B7380



7900BF



280040



# Inverse Universe

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



FF5B97



FF3B82



5BFF71



807377



BF0046

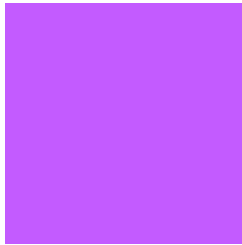


400017



# Previews

## White Background



This preview shows how the Hex color C35BFF looks on a white background.

## Color Contrast Check

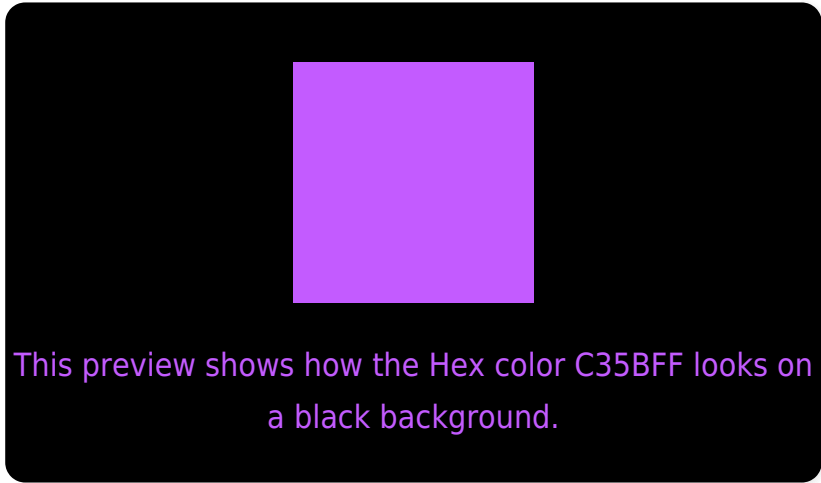
Large Text (above 18pt) WCAG AA ✓ Pass

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

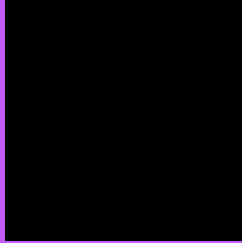
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C35BFF Background



This preview shows how black text looks on a background with the Hex color C35BFF.

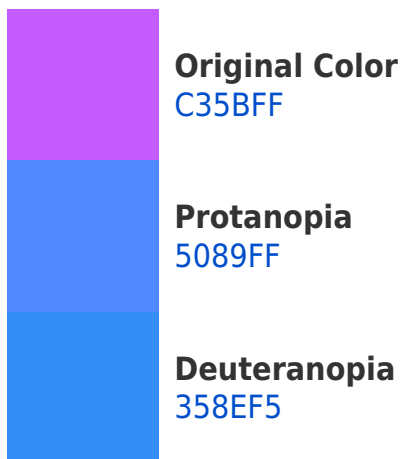


This preview shows how white text looks on a background with the Hex color C35BFF.

# 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](#).

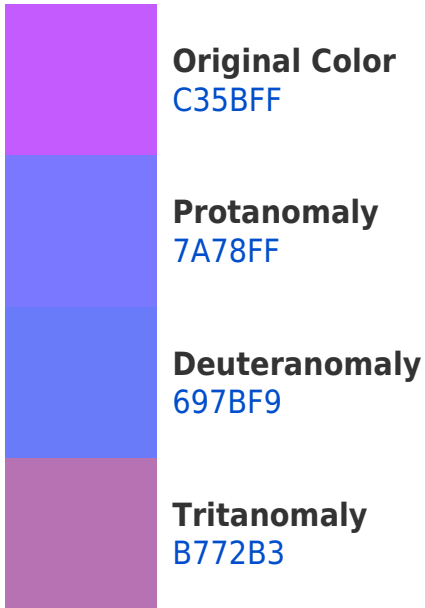
## Dichromacy



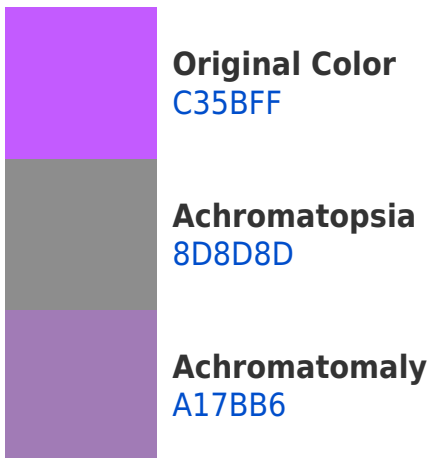


**Tritanopia**  
B07F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35BFF 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 #C35BFF looks like.

```
.text, #text, p{  
    color:#C35BFF  
}
```

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 #C35BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35BFF
}
```

## Border

The CSS property to change the border of an element to Hex C35BFF 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
#C35BFF }
```

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

```
.border{ border-color:#C35BFF }
```

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

Here you see how a box with a 4 pixel #C35BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35BFF; -webkit-box-shadow:4px 4px  
4px 4px #C35BFF; box-shadow:4px 4px 4px  
4px #C35BFF }
```

# Background

The CSS property to change the background color of an element to Hex C35BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35BFF }
```

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

```
.background{ background-color:#C35BFF }
```

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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