

# Converting Colors

Hex(C95CFF)

Have a look what the booklet for  
Hex(C95CFF) contains.

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**Color**

**Hex(C95CFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C95CFF
RGB	201, 92, 255
RGB Percent	79%, 36%, 100%
CMY	0.2118, 0.6392, 0.0000
CMYK	0.21, 0.64, 0.00, 0.00
HSL	280°, 100%, 68%
HSV	280°, 64%, 100%
XYZ	45.9645, 27.2918, 97.4530
YIQ	143.1730, 12.6410, 73.8010

# Conversions

## Conversions Part 2

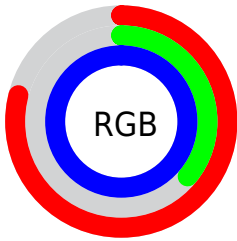
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 92, 255
Decimal	13196543
CIE <sub>Lab</sub>	59.24, 68.14, -63.01
CIE <sub>LCh</sub>	59, 92.807, 317.238
Yxy	27.2918, 0.2693, 0.1599
Android (android.graphics.Color)	4291386623 (0xFFC95CFF)
YUV	143.1730, 55.1307, 50.7143
Hunter-Lab	52.2416, 65.6299, -74.0323

# Details

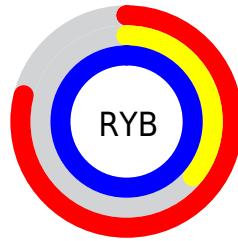
The Hex color **C95CFF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **92FF5C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF94FF**, and **8F1FC5** is the 20% darker color. If you saturate the color by 10%, you get **C143FF**, and if you desaturate by 10%, it is **D176FF**.

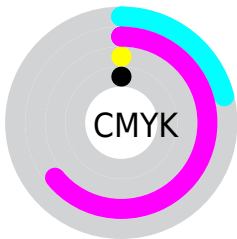
# Distribution



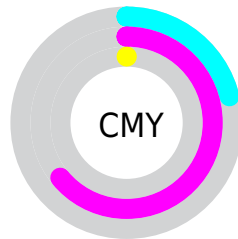
- Red (79%)
- Green (36%)
- Blue (100%)



- Red (79%)
- Yellow (36%)
- Blue (100%)



- Cyan (21%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C95CFF 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 C95CFF by changing the saturation by 10% instead.



 C95CFF

 C95CFF

FFFFFF

 AC3FE2

 FF94FF

 8F1FC5

 FFB0FF

 7200A9

 FFCDFE

 55008E

 FFE8FF

 370074

 1B005B

 000042

 00032B

 000115

 C95CFF

 C95CFF

 C143FF

 D176FF

 B829FF

 DA8FFF

 B010FF

 E2A9FF

 AB00FF

 EBC2FF

 F3DCFF

 FCF5FF

FFFFFF

# Harmonies

## Analogous

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



0089FF



C95CFF



FF10B5

# Triad

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



C95CFF



C97E00



00B1BD

# Complementary

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



C95CFF



92FF5C

# 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.



00AE68



C95CFF



819900

# Square

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



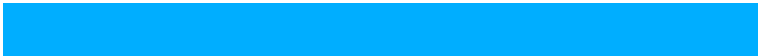
C95CFF



FF5208



00A800



00AEFF

# Rectangle

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



C95CFF



FF007F



00A800



00B0A1



# Sweetspot

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



C95CFF



EFCFFF



5C92FF



766280



000000



808080



# Same Dimension

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



C95CFF



BE3BFF



FF5CE4



7B7380



8000BF



2B0040



# Inverse Universe

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



FF5C92



FF3B7C



5CFF77



807377



BF003F

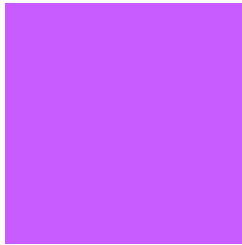


400015



# Previews

## White Background



This preview shows how the Hex color C95CFF looks on a white background.

## Color Contrast Check

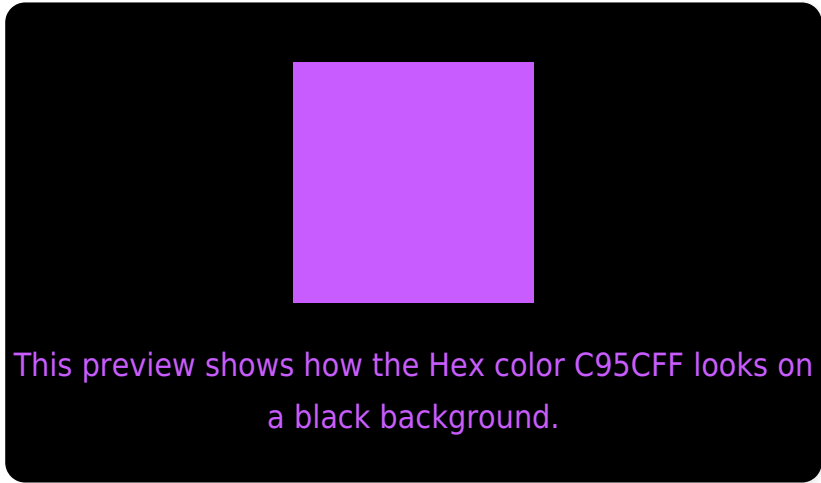
Large Text (above 18pt) WCAG AA ✓ Pass

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

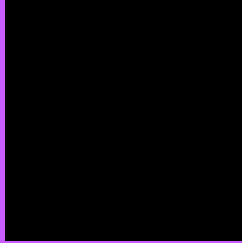
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C95CFF Background



This preview shows how black text looks on a background with the Hex color C95CFF.

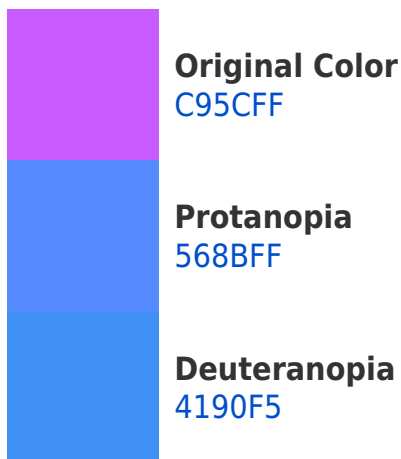


This preview shows how white text looks on a background with the Hex color C95CFF.

# 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**  
B77F89

# Trichromacy



**Original Color**  
C95CFF



**Protanomaly**  
807AFF



**Deuteranomaly**  
727DF9



**Tritanomaly**  
BE72B4

# Monochromacy



**Original Color**  
C95CFF



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
A47CB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C95CFF 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 #C95CFF looks like.

```
.text, #text, p{  
  color:#C95CFF  
}
```

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 #C95CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95CFF
}
```

## Border

The CSS property to change the border of an element to Hex C95CFF 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
#C95CFF }
```

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

```
.border{ border-color:#C95CFF }
```

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

Here you see how a box with a 4 pixel #C95CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95CFF; -webkit-box-shadow:4px 4px  
4px 4px #C95CFF; box-shadow:4px 4px 4px  
4px #C95CFF }
```

# Background

The CSS property to change the background color of an element to Hex C95CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95CFF }
```

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

```
.background{ background-color:#C95CFF }
```

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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