

# Converting Colors

Hex(D55CFF)

Have a look what the booklet for  
Hex(D55CFF) contains.

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**Color**

**Hex(D55CFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D55CFF
RGB	213, 92, 255
RGB Percent	84%, 36%, 100%
CMY	0.1647, 0.6392, 0.0000
CMYK	0.16, 0.64, 0.00, 0.00
HSL	285°, 100%, 68%
HSV	285°, 64%, 100%
XYZ	49.3177, 29.0204, 97.6099
YIQ	146.7610, 19.7930, 76.3450

# Conversions

## Conversions Part 2

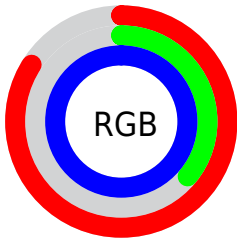
Format	Color
R <sub>Y</sub> B	213, 92, 255
Decimal	13982975
CIE Lab	60.80, 70.75, -60.43
CIE LCh	61, 93.046, 319.497
Yxy	29.0204, 0.2803, 0.1649
Android (android.graphics.Color)	4292173055 (0xFFD55CFF)
YUV	146.7610, 53.3618, 58.0916
Hunter-Lab	53.8706, 69.1404, -69.7201

# Details

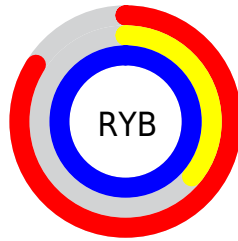
The Hex color **D55CFF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **86FF5C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF95FF**, and **9A1BC5** is the 20% darker color. If you saturate the color by 10%, you get **CE43FF**, and if you desaturate by 10%, it is **DC76FF**.

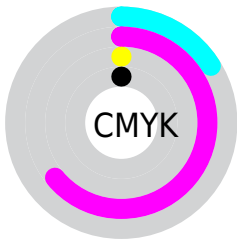
# Distribution



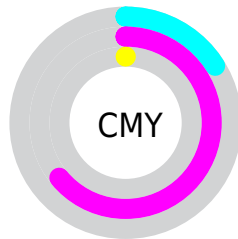
- Red (84%)
- Green (36%)
- Blue (100%)



- Red (84%)
- Yellow (36%)
- Blue (100%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D55CFF 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 D55CFF by changing the saturation by 10% instead.



 D55CFF

 D55CFF

FFFFFF

 B73EE2

 FF95FF

 9A1BC5

 FFB2FF

 7D00AA

 FFCFFF

 61008E

 FFECFF

 440074

 29005B

 000042

 00032B

 000115

 D55CFF

 D55CFF

 CE43FF

 DC76FF

 C829FF

 E28FFF

 C110FF

 E9A9FF

 BD00FF

 EFC2FF

 F6DCFF

 FCF5FF

FFFFFF

# Harmonies

## Analogous

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



008AFF



D55CFF



FF15B3

# Triad

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



D55CFF



CA8500



00B5C8

# Complementary

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



D55CFF



86FF5C

# 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.



00B372



D55CFF



7F9F00

# Square

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



D55CFF



FF5B00



00AD06



00B2FF

# Rectangle

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



D55CFF



FF007D



00AD06



00B5AC



# Sweetspot

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



D55CFF



F3CFFF



5C87FF



786280



000000



808080



# Same Dimension

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



D55CFF



CC3BFF



FF5CD9



7C7380



8E00BF



2F0040



# Inverse Universe

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



FF5C86



FF3B6D



5CFF82



807376



BF0031

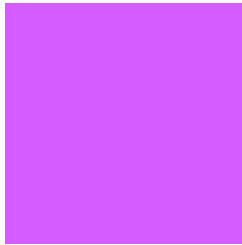


400010



# Previews

## White Background



This preview shows how the Hex color D55CFF looks on a white background.

## Color Contrast Check

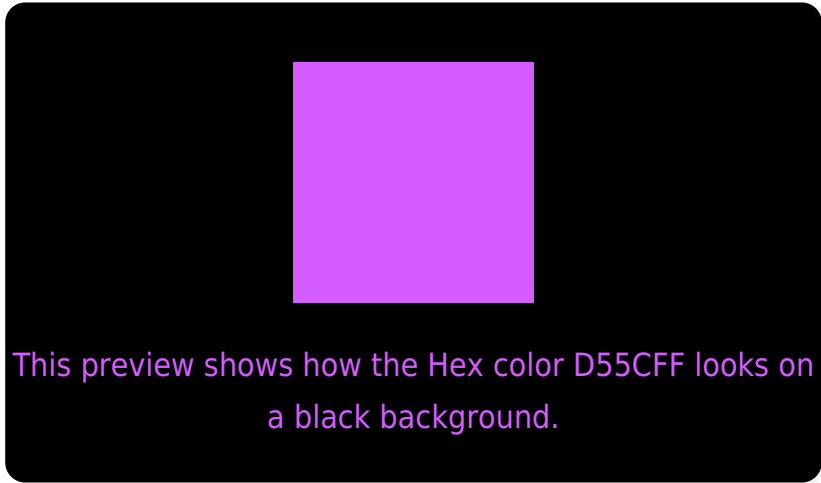
Large Text (above 18pt) WCAG AA ✓ Pass

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

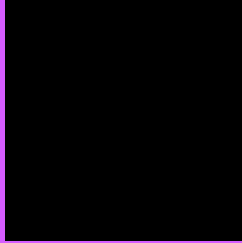
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D55CFF Background



This preview shows how black text looks on a background with the Hex color D55CFF.

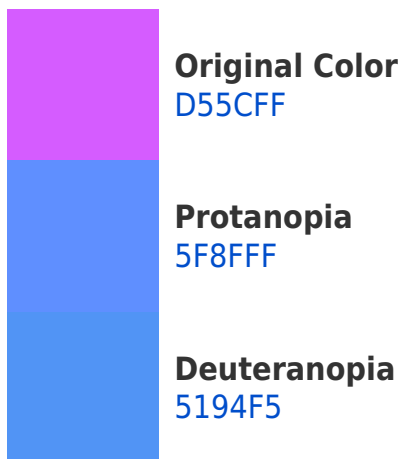


This preview shows how white text looks on a background with the Hex color D55CFF.

# 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](#).

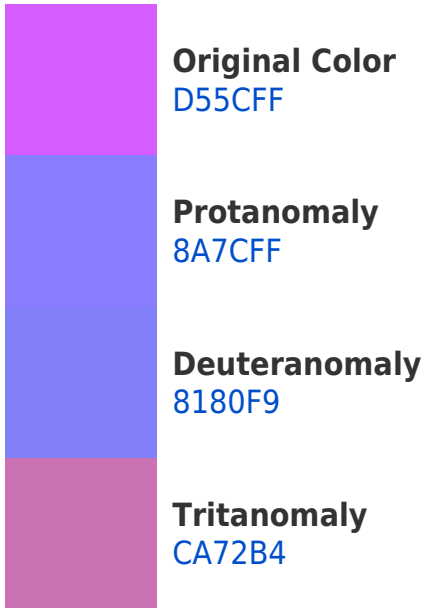
## Dichromacy



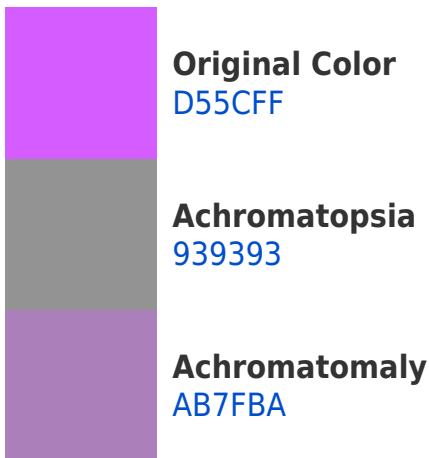


**Tritanopia**  
C47F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D55CFF 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 #D55CFF looks like.

```
.text, #text, p{  
    color:#D55CFF  
}
```

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 #D55CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55CFF
}
```

## Border

The CSS property to change the border of an element to Hex D55CFF 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
#D55CFF }
```

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

```
.border{ border-color:#D55CFF }
```

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

Here you see how a box with a 4 pixel #D55CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55CFF; -webkit-box-shadow:4px 4px  
4px 4px #D55CFF; box-shadow:4px 4px 4px  
4px #D55CFF }
```

# Background

The CSS property to change the background color of an element to Hex D55CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55CFF }
```

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

```
.background{ background-color:#D55CFF }
```

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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