

# Converting Colors

Hex(534CFF)

Have a look what the booklet for  
Hex(534CFF) contains.

<b>Hex(534CFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(534CFF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534CFF
RGB	83, 76, 255
RGB Percent	33%, 30%, 100%
CMY	0.6745, 0.7020, 0.0000
CMYK	0.67, 0.70, 0.00, 0.00
HSL	242°, 100%, 65%
HSV	242°, 70%, 100%
XYZ	24.2017, 14.2279, 96.0784
YIQ	98.4990, -53.2870, 57.1530

# Conversions

## Conversions Part 2

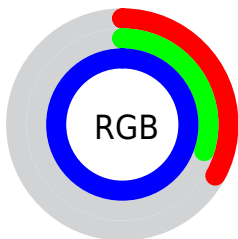
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 76, 255
Decimal	5459199
CIE <sub>Lab</sub>	44.56, 55.89, -87.42
CIE <sub>LCh</sub>	45, 103.758, 302.590
Yxy	14.2279, 0.1799, 0.1058
Android (android.graphics.Color)	4283649279 (0xFF534CFF)
YUV	98.4990, 77.1550, -13.5926
Hunter-Lab	37.7199, 48.5189, -124.6170

# Details

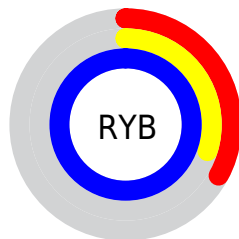
The Hex color **534CFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **F8FF4C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **987FFF**, and **001CC5** is the 20% darker color. If you saturate the color by 10%, you get **3A33FF**, and if you desaturate by 10%, it is **6C66FF**.

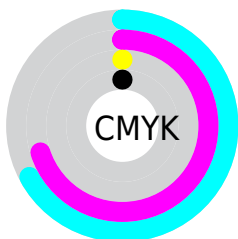
# Distribution



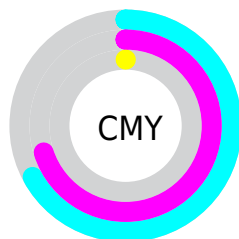
- Red (33%)
- Green (30%)
- Blue (100%)



- Red (33%)
- Yellow (30%)
- Blue (100%)



- Cyan (67%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (70%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534CFF 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 534CFF by changing the saturation by 10% instead.



 534CFF

 534CFF

FFFFFF

 2434E2

 987FFF

 001CC5

 B899FF

 0004A9

 D7B4FF

 00008D

 F7D0FF

 000073

 FFEDFF

 000D59

 000740

 000329

 000113

■ 534CFF

■ 534CFF

■ 3A33FF

■ 6C66FF

■ 2219FF

■ 847FFF

■ 0A00FF

■ 9D99FF

■ B5B2FF

■ CECCFF

■ E6E5FF

FFFFFF

# Harmonies

## Analogous

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



0076FF



534CFF



CF00BB

# Triad

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



534CFF



BD3F00



00886F

# Complementary

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



534CFF



F8FF4C

# 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.



008400



534CFF



7A6A00

# Square

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



534CFF



E90010



007C00



0089C6

# Rectangle

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



534CFF



EE0083



007C00



008750



# Sweetspot

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



534CFF



CCC9FF



4CF9FF



616080



000000



808080



# Same Dimension

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



534CFF



3129FF



AB4CFF



737380



0700BF



020040



# Inverse Universe

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



FF4CF8



FF29F7



A0FF4C



80737F



BF00B8

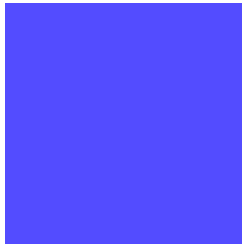


40003D



# Previews

## White Background



This preview shows how the Hex color 534CFF looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

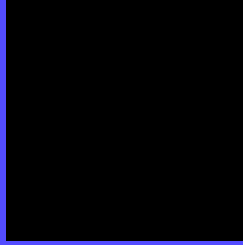
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534CFF Background



This preview shows how black text looks on a background with the Hex color 534CFF.

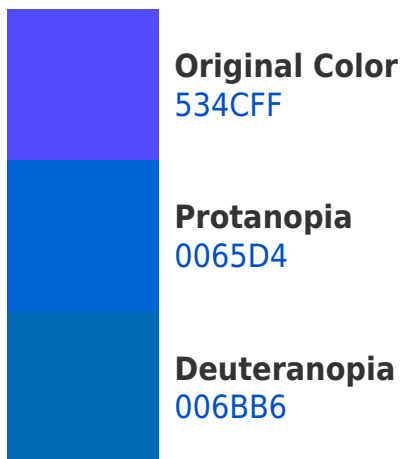


This preview shows how white text looks on a background with the Hex color 534CFF.

# 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**  
00747C

# Trichromacy



**Original Color**  
534CFF



**Protanomaly**  
1E5CE4



**Deuteranomaly**  
1E60D1



**Tritanomaly**  
1E65AC

# Monochromacy



**Original Color**  
534CFF



**Achromatopsia**  
626262



**Achromatomaly**  
5D5A9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534CFF 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 #534CFF looks like.

```
.text, #text, p{  
    color:#534CFF  
}
```

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 #534CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534CFF
}
```

## Border

The CSS property to change the border of an element to Hex 534CFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

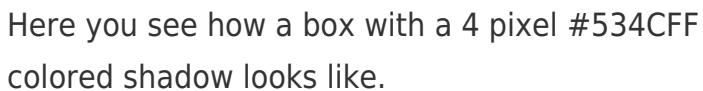
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534CFF }
```

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

```
.border{ border-color:#534CFF }
```

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



Here you see how a box with a 4 pixel #534CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534CFF; -webkit-box-shadow:4px 4px  
4px 4px #534CFF; box-shadow:4px 4px 4px  
4px #534CFF }
```

# Background

The CSS property to change the background color of an element to Hex 534CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534CFF }
```

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

```
.background{ background-color:#534CFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor