

# Converting Colors

Hex(5B35FF)

Have a look what the booklet for  
Hex(5B35FF) contains.

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**Color**

**Hex(5B35FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B35FF
RGB	91, 53, 255
RGB Percent	36%, 21%, 100%
CMY	0.6431, 0.7922, 0.0000
CMYK	0.64, 0.79, 0.00, 0.00
HSL	251°, 100%, 60%
HSV	251°, 79%, 100%
XYZ	23.6375, 11.9904, 95.6763
YIQ	87.3900, -42.1940, 70.8780

# Conversions

## Conversions Part 2

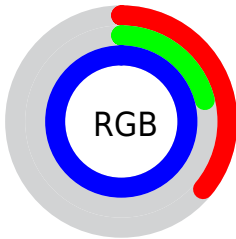
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 53, 255
Decimal	5977599
CIE <sub>Lab</sub>	41.20, 67.88, -92.94
CIE <sub>LCh</sub>	41, 115.087, 306.141
Yxy	11.9904, 0.1800, 0.0913
Android (android.graphics.Color)	4284167679 (0xFF5B35FF)
YUV	87.3900, 82.6317, 3.1660
Hunter-Lab	34.6271, 61.2520, -139.5821

# Details

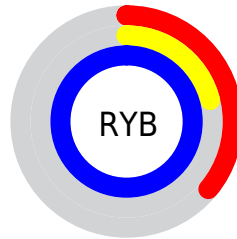
The Hex color **5B35FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **D9FF35**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9F6AFF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **461BFF**, and if you desaturate by 10%, it is **704FFF**.

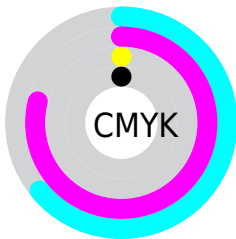
# Distribution



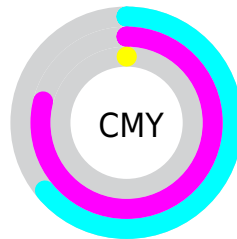
- Red (36%)
- Green (21%)
- Blue (100%)



- Red (36%)
- Yellow (21%)
- Blue (100%)



- Cyan (64%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (79%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B35FF 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 5B35FF by changing the saturation by 10% instead.



 5B35FF

 5B35FF

FFFFFF

 3018E2

 9F6AFF

 0000C5

 BF85FF

 0000A8

 DFA0FF

 00008D

 FFBCFF

 000072

 FFD9FF

 000D58

 FFF6FF

 000740

 000329

 000113

■ 5B35FF

■ 5B35FF

■ 461BFF

■ 704FFF

■ 3202FF

■ 8468FF

■ 3000FF

■ 9982FF

■ AE9BFF

■ C3B4FF

■ D7CEFF

■ ECE8FF

FFFFFF

# Harmonies

## Analogous

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



006DFF



5B35FF



D700B0

# Triad

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



5B35FF



B03800



008073

# Complementary

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



5B35FF



D9FF35

# 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.



007D00



5B35FF



666500

# Square

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



5B35FF



E40000



007700



0082D2

# Rectangle

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



5B35FF



F30072



007700



007F52



# Sweetspot

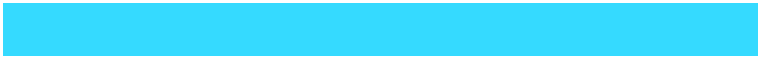
The Sweet Spot groups the original color and five complimentary colors.



5B35FF



CDC2FF



35DAFF



615B80



000000



808080



# Same Dimension

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



5B35FF



3A0DFF



BF35FF



757380



2400BF



0C0040



# Inverse Universe

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



FF35D9



FF0DD1



75FF35



80737D



BF009B

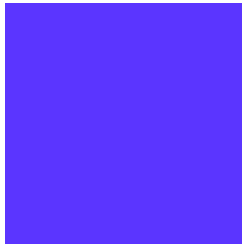


400034



# Previews

## White Background



This preview shows how the Hex color 5B35FF looks on a white background.

## Color Contrast Check

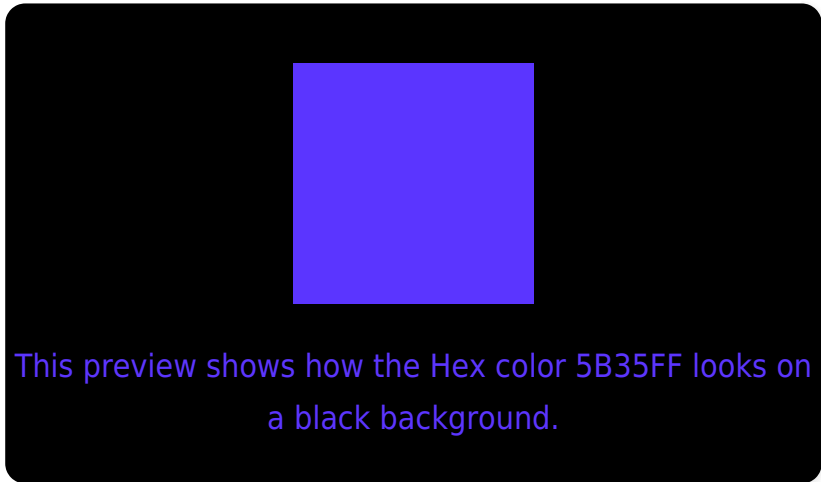
Large Text (above 18pt) WCAG AA ✓ Pass

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

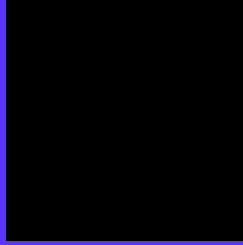
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B35FF Background



This preview shows how black text looks on a background with the Hex color 5B35FF.

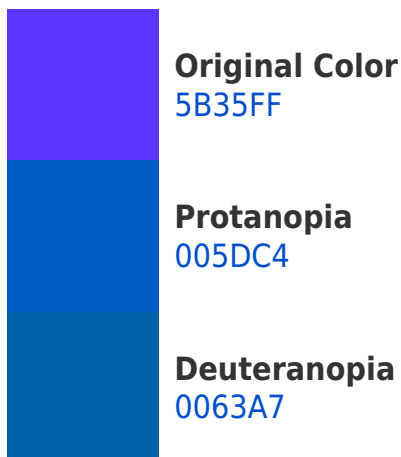


This preview shows how white text looks on a background with the Hex color 5B35FF.

# 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](#).

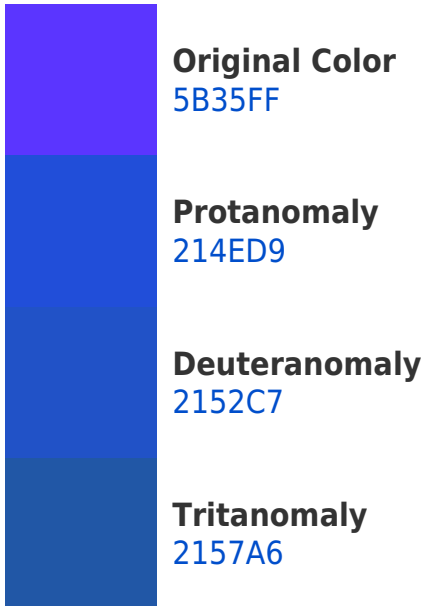
## Dichromacy





**Tritanopia**  
006B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B35FF 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 #5B35FF looks like.

```
.text, #text, p{  
    color:#5B35FF  
}
```

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 #5B35FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B35FF
}
```

## Border

The CSS property to change the border of an element to Hex 5B35FF 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
#5B35FF }
```

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

```
.border{ border-color:#5B35FF }
```

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

Here you see how a box with a 4 pixel #5B35FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B35FF; -webkit-box-shadow:4px 4px  
4px 4px #5B35FF; box-shadow:4px 4px 4px  
4px #5B35FF }
```

# Background

The CSS property to change the background color of an element to Hex 5B35FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B35FF }
```

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

```
.background{ background-color:#5B35FF }
```

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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