

# Converting Colors

Hex(5D54FF)

Have a look what the booklet for  
Hex(5D54FF) contains.

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**Color**

**Hex(5D54FF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5D54FF                      |
| RGB         | 93, 84, 255                 |
| RGB Percent | 36%, 33%, 100%              |
| CMY         | 0.6353, 0.6706, 0.0000      |
| CMYK        | 0.64, 0.67, 0.00, 0.00      |
| HSL         | 243°, 100%, 66%             |
| HSV         | 243°, 67%, 100%             |
| XYZ         | 25.7345, 15.8878, 96.3180   |
| YIQ         | 106.1850, -49.5270, 55.0890 |

# Conversions

## Conversions Part 2

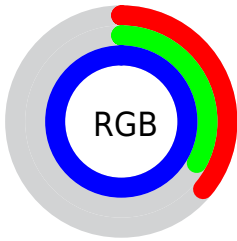
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 93, 84, 255                    |
| Decimal                             | 6116607                        |
| CIE <sub>Lab</sub>                  | 46.83, 52.66, -83.67           |
| CIE <sub>LCh</sub>                  | 47, 98.861, 302.186            |
| Yxy                                 | 15.8878, 0.1866,<br>0.1152     |
| Android<br>(android.graphics.Color) | 4284306687<br>(0xFF5D54FF)     |
| <b>YUV</b>                          | 106.1850, 73.3658,<br>-11.5632 |
| Hunter-Lab                          | 39.8595, 45.4910,<br>-115.3690 |

# Details

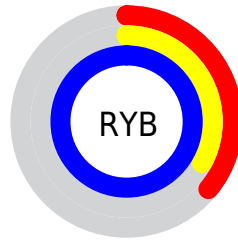
The Hex color **5D54FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **F6FF54**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9F87FF**, and **0025C5** is the 20% darker color. If you saturate the color by 10%, you get **453AFF**, and if you desaturate by 10%, it is **756DFF**.

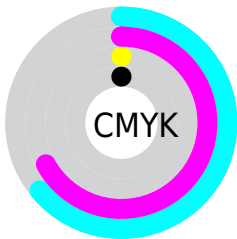
# Distribution



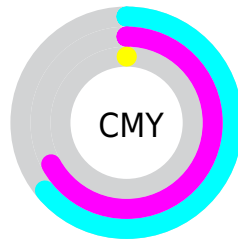
- Red (36%)
- Green (33%)
- Blue (100%)



- Red (36%)
- Yellow (33%)
- Blue (100%)



- Cyan (64%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (67%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D54FF 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 5D54FF by changing the saturation by 10% instead.



 5D54FF

 5D54FF

FFFFFF

 353CE2

 9F87FF

 0025C5

 BEA2FF

 000DA9

 DEBDFF

 00008D

 FDD9FF

 000073

 FFF6FF

 000D59

 000741

 00032A

 000114

 5D54FF

 5D54FF

 453AFF

 756DFF

 2D21FF

 8D87FF

 1508FF

 A5A1FF

 0D00FF

 BEBAFF

 D6D3FF

 EEEDFF

FFFFFF

# Harmonies

## Analogous

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



007AFF



5D54FF



D100BE

# Triad

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



5D54FF



C24700



008E73

# Complementary

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



5D54FF



F6FF54

# 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.



008A0F



5D54FF



826F00

# Square

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



5D54FF



EC001B



1C8200



008FC7

# Rectangle

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



5D54FF



F00089



1C8200



008D56



# Sweetspot

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



5D54FF



CFCCFF



54F6FF



636180



000000



808080



# Same Dimension

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



5D54FF



3E33FF



B254FF



737380



0A00BF



030040



# Inverse Universe

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



FF54F6



FF33F4



A1FF54



80737F



BF00B5

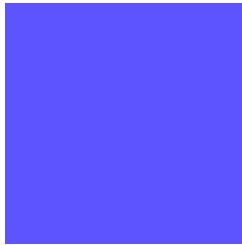


40003C



# Previews

## White Background



This preview shows how the Hex color 5D54FF looks on a white background.

## Color Contrast Check

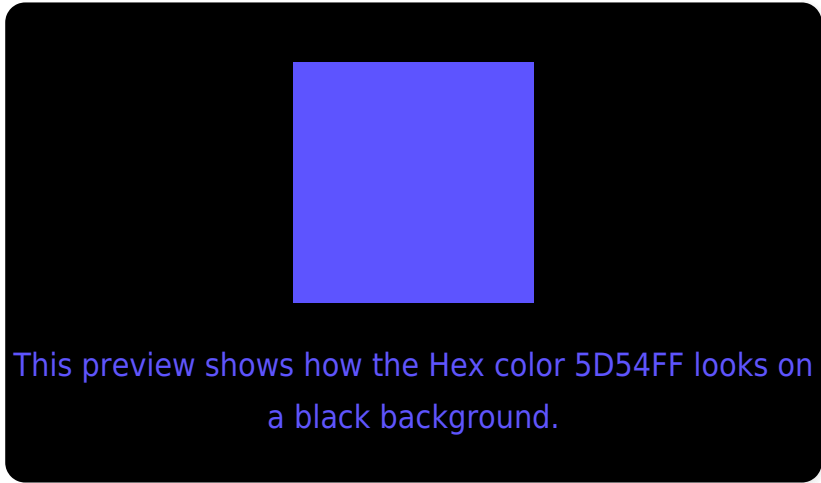
Large Text (above 18pt) WCAG AA ✓ Pass

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

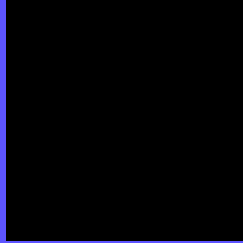
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D54FF Background



This preview shows how black text looks on a background with the Hex color 5D54FF.



This preview shows how white text looks on a background with the Hex color 5D54FF.

# 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



**Original Color**  
5D54FF

**Protanopia**  
006AE0

**Deuteranopia**  
0071C1



**Tritanopia**  
007A84

# Trichromacy



**Original Color**  
5D54FF



**Protanomaly**  
2262EB



**Deuteranomaly**  
2266D8



**Tritanomaly**  
226CB1

# Monochromacy



**Original Color**  
5D54FF



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
6562A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D54FF 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 #5D54FF looks like.

```
.text, #text, p{  
  color:#5D54FF  
}
```

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 #5D54FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D54FF
}
```

## Border

The CSS property to change the border of an element to Hex 5D54FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

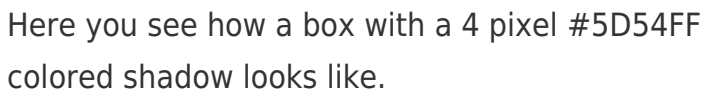
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D54FF }
```

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

```
.border{ border-color:#5D54FF }
```

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



Here you see how a box with a 4 pixel #5D54FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D54FF; -webkit-box-shadow:4px 4px  
4px 4px #5D54FF; box-shadow:4px 4px 4px  
4px #5D54FF }
```

# Background

The CSS property to change the background color of an element to Hex 5D54FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D54FF }
```

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

```
.background{ background-color:#5D54FF }
```

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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