

# Converting Colors

Hex(0554FF)

Have a look what the booklet for  
Hex(0554FF) contains.

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# Color

**Hex(0554FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0554FF
RGB	5, 84, 255
RGB Percent	2%, 33%, 100%
CMY	0.9804, 0.6706, 0.0000
CMYK	0.98, 0.67, 0.00, 0.00
HSL	221°, 100%, 51%
HSV	221°, 98%, 100%
XYZ	21.2829, 13.5929, 96.1097
YIQ	79.8730, -101.9750, 36.4330

# Conversions

## Conversions Part 2

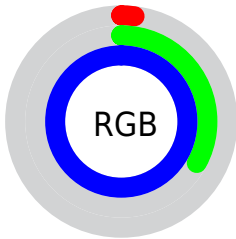
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 65, 255
Decimal	349439
CIE Lab	43.64, 46.54, -89.02
CIE LCh	44, 100.450, 297.601
Yxy	13.5929, 0.1625, 0.1038
Android (android.graphics.Color)	4278539519 (0xFF0554FF)
YUV	79.8730, 86.3376, -65.6636
Hunter-Lab	36.8686, 38.5217, -128.7503

# Details

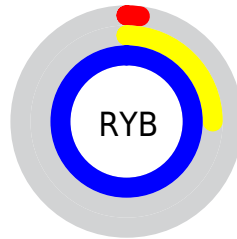
The Hex color **0554FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFB005**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7485FF**, and **0028C5** is the 20% darker color. If you saturate the color by 10%, you get **0051FF**, and if you desaturate by 10%, it is **1F65FF**.

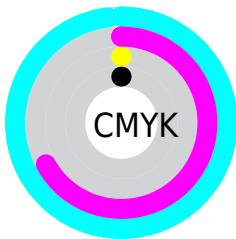
# Distribution



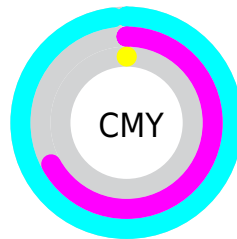
- Red (2%)
- Green (33%)
- Blue (100%)



- Red (2%)
- Yellow (25%)
- Blue (100%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0554FF 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 0554FF by changing the saturation by 10% instead.



 0554FF

 0554FF

FFFFFF

 003DE2

 7485FF

 0028C5

 97A0FF

 0016A9

 B8BBFF

 00058D

 D9D6FF

 000773

 F9F3FF

 000D59

 000740

 000329

 000113

■ 0554FF

■ 0554FF

■ 0051FF

■ 1F65FF

■ 3877FF

■ 5288FF

■ 6B9AFF

■ 85ABFF

■ 9EBDFF

■ B8CEFF

■ D1E0FF

■ EBF1FF

# Harmonies

## Analogous

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



0077FF



0554FF



BE00C2

# Triad

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



0554FF



C13300



00845E

# Complementary

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



0554FF



FFB005

# 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.



008100



0554FF



846300

# Square

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



0554FF



E70021



287800



0086B4

# Rectangle

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



0554FF



E3008D



287800



008340



# Sweetspot

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



0554FF



B5CCFF



05FFB0



536180



000000



808080



# Same Dimension

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



0554FF



0051FF



3305FF



737780



003CBF



001440



# Inverse Universe

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



FF0554



FF0051



D1FF05



807377



BF003C



400014



# Previews

## White Background



This preview shows how the Hex color 0554FF 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



This preview shows how the Hex color 0554FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

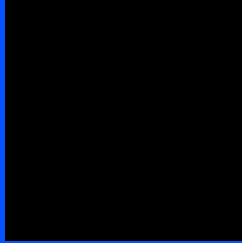
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0554FF Background



This preview shows how black text looks on a background with the Hex color 0554FF.



This preview shows how white text looks on a background with the Hex color 0554FF.

# 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**  
0554FF

**Protanopia**  
0063D0

**Deuteranopia**  
0069B1



# Trichromacy



**Original Color**  
0554FF

**Protanomaly**  
025EE1

**Deuteranomaly**  
0261CD

**Tritanomaly**  
0267A9

# Monochromacy



**Original Color**  
0554FF

**Achromatopsia**  
505050

**Achromatomaly**  
355190

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0554FF 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 #0554FF looks like.

```
.text, #text, p{  
    color:#0554FF  
}
```

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 #0554FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0554FF
}
```

## Border

The CSS property to change the border of an element to Hex 0554FF 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".

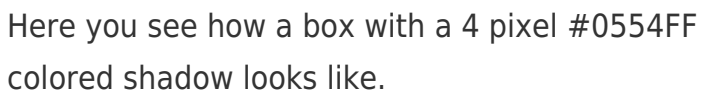
```
.border, #border, table{ border:4px solid
#0554FF }
```

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

```
.border{ border-color:#0554FF }
```

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

Here you see how a box with a 4 pixel #0554FF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0554FF; -webkit-box-shadow:4px 4px  
4px 4px #0554FF; box-shadow:4px 4px 4px  
4px #0554FF }
```

# Background

The CSS property to change the background color of an element to Hex 0554FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0554FF }
```

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

```
.background{ background-color:#0554FF }
```

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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