

# Converting Colors

Hex(5454F5)

Have a look what the booklet for  
Hex(5454F5) contains.

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# Color

**Hex(5454F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5454F5
RGB	84, 84, 245
RGB Percent	33%, 33%, 96%
CMY	0.6706, 0.6706, 0.0392
CMYK	0.66, 0.66, 0.00, 0.04
HSL	240°, 89%, 65%
HSV	240°, 66%, 96%
XYZ	23.3079, 14.8180, 88.0179
YIQ	102.3540, -51.6810, 50.0710

# Conversions

## Conversions Part 2

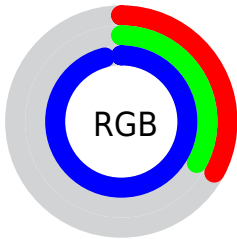
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 84, 245
Decimal	5526773
CIE Lab	45.38, 48.38, -80.47
CIE LCh	45, 93.896, 301.012
Yxy	14.8180, 0.1848, 0.1175
Android (android.graphics.Color)	4283716853 (0xFF5454F5)
YUV	102.3540, 70.3245, -16.0965
Hunter-Lab	38.4942, 40.7154, -108.6220

# Details

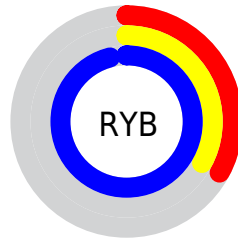
The Hex color **5454F5** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **F5F554**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9686FF**, and **0026BB** is the 20% darker color. If you saturate the color by 10%, you get **3C3CF5**, and if you desaturate by 10%, it is **6D6DF5**.

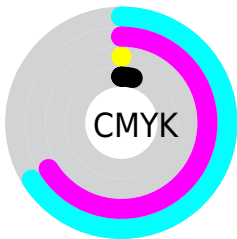
# Distribution



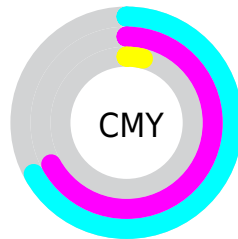
- Red (33%)
- Green (33%)
- Blue (96%)



- Red (33%)
- Yellow (33%)
- Blue (96%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (4%)



- Cyan (67%)
- Magenta (67%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5454F5 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 5454F5 by changing the saturation by 10% instead.



 5454F5

 5454F5

FFFFFF

 2A3CD8

 9686FF

 0026BB

 B5A1FF

 0010A0

 D5BCFF

 000084

 F4D8FF

 00006A

 FFF5FF

 000B51

 000539

 000222

 000009

■ 5454F5

■ 5454F5

■ 3C3CF5

■ 6D6DF5

■ 2323F5

■ 8585F5

■ 0B0BF5

■ 9E9EF5

■ 0000F5

■ B6B6F5

■ CFCFF5

■ E7E7F5

■ FFFFF5

# Harmonies

## Analogous

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



0077FF



5454F5



C600B9

# Triad

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



5454F5



BD4400



00896C

# Complementary

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



5454F5



F5F554

# 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.



00850D



5454F5



816A00

# Square

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



5454F5



E30020



287D00



008ABC

# Rectangle

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



5454F5



E40087



287D00



008850



# Sweetspot

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



5454F5



CCCCFF



54F5F5



616180



000000



808080



# Same Dimension

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



5454F5



3636FF



A554F5



6E6E7A



0000BA



00003B



# Inverse Universe

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



F554F5



FF36FF



A5F554



7A6E7A



BA00BA

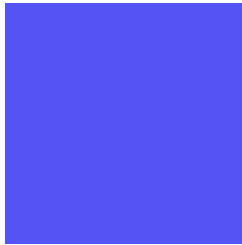


3B003B



# Previews

## White Background



This preview shows how the Hex color 5454F5 looks on a white background.

## Color Contrast Check

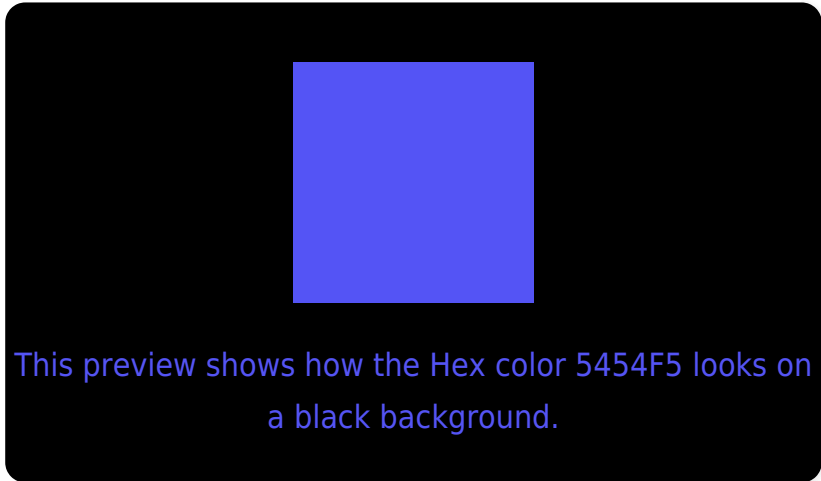
Large Text (above 18pt) WCAG AA ✓ Pass

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

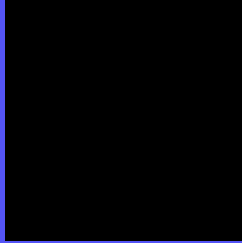
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5454F5 Background



This preview shows how black text looks on a background with the Hex color 5454F5.

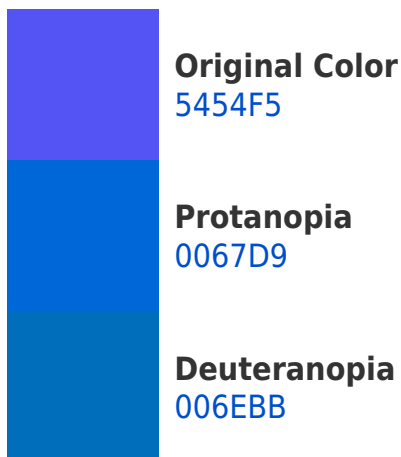


This preview shows how white text looks on a background with the Hex color 5454F5.

# 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](#).

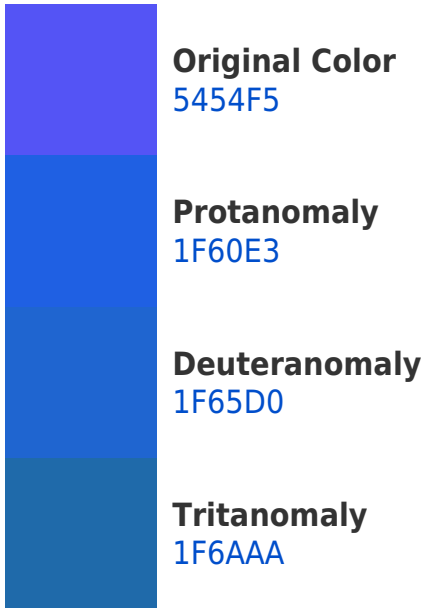
## Dichromacy





**Tritanopia**  
00767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5454F5 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 #5454F5 looks like.

```
.text, #text, p{  
    color:#5454F5  
}
```

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 #5454F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5454F5
}
```

## Border

The CSS property to change the border of an element to Hex 5454F5 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
#5454F5 }
```

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

```
.border{ border-color:#5454F5 }
```

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

Here you see how a box with a 4 pixel #5454F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5454F5; -webkit-box-shadow:4px 4px  
4px 4px #5454F5; box-shadow:4px 4px 4px  
4px #5454F5 }
```

# Background

The CSS property to change the background color of an element to Hex 5454F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5454F5 }
```

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

```
.background{ background-color:#5454F5 }
```

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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