

# Converting Colors

Hex(4F5DFF)

Have a look what the booklet for  
Hex(4F5DFF) contains.

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# Color

Hex(4F5DFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F5DFF
RGB	79, 93, 255
RGB Percent	31%, 36%, 100%
CMY	0.6902, 0.6353, 0.0000
CMYK	0.69, 0.64, 0.00, 0.00
HSL	235°, 100%, 65%
HSV	235°, 69%, 100%
XYZ	25.1888, 16.7110, 96.5057
YIQ	107.2820, -60.3460, 47.4140

# Conversions

## Conversions Part 2

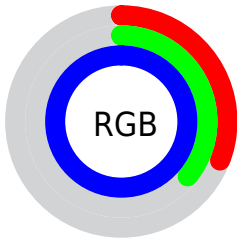
<b>Format</b>	<b>Color</b>
RYP	79, 92, 255
Decimal	5201407
CIELab	47.89, 45.76, -81.95
CIElCh	48, 93.863, 299.177
Yxy	16.7110, 0.1820, 0.1207
Android (android.graphics.Color)	4283391487 (0xFF4F5DFF)
YUV	107.2820, 72.8250, -24.8033
Hunter-Lab	40.8790, 38.4496, -111.3542

# Details

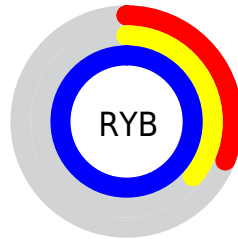
The Hex color **4F5DFF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FFF14F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9490FF**, and **002FC5** is the 20% darker color. If you saturate the color by 10%, you get **3646FF**, and if you desaturate by 10%, it is **6974FF**.

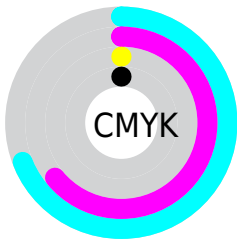
# Distribution



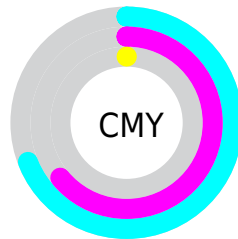
- Red (31%)
- Green (36%)
- Blue (100%)



- Red (31%)
- Yellow (36%)
- Blue (100%)



- Cyan (69%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5DFF 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 4F5DFF by changing the saturation by 10% instead.



 4F5DFF

 4F5DFF

FFFFFF

 1E45E2

 9490FF

 002FC5

 B3AAFF

 001AA9

 D3C6FF

 00098D

 F2E2FF

 000073

FFFEFF

 000D59

 000741

 00032A

 000114

■ 4F5DFF

■ 4F5DFF

■ 3646FF

■ 6974FF

■ 1C2EFF

■ 828CFF

■ 0317FF

■ 9CA3FF

■ 0014FF

■ B5BBFF

■ CFD2FF

■ E8EAFF

FFFFFF

# Harmonies

## Analogous

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



007EFF



4F5DFF



C90BC5

# Triad

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



4F5DFF



C84800



008F6D

# Complementary

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



4F5DFF



FFF14F

# 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.



008C0B



4F5DFF



8D6E00

# Square

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



4F5DFF



ED002B



398200



0091BE

# Rectangle

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



4F5DFF



EA0092



398200



008F51



# Sweetspot

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



4F5DFF



C9CEFF



4FFFF0



606280



000000



808080



# Same Dimension

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



4F5DFF



2B3CFF



984FFF



737480



000FBF



000540



# Inverse Universe

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



FF4F5D



FF2B3C



B6FF4F



807374



BF000F

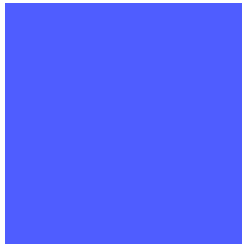


400005



# Previews

## White Background



This preview shows how the Hex color 4F5DFF looks on a white background.

## Color Contrast Check

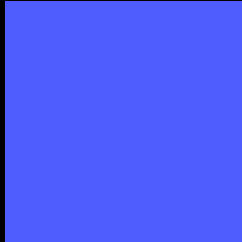
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F5DFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

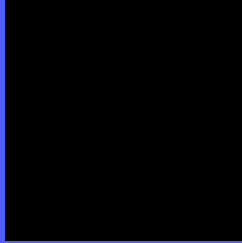
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F5DFF Background



This preview shows how black text looks on a background with the Hex color 4F5DFF.

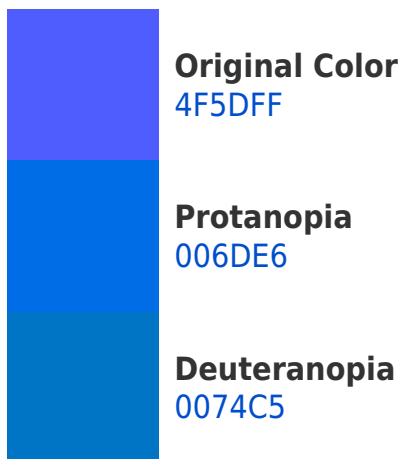


This preview shows how white text looks on a background with the Hex color 4F5DFF.

# 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](#).

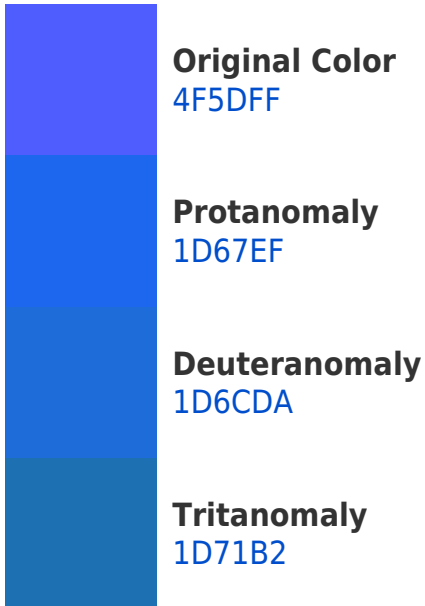
## Dichromacy





**Tritanopia**  
007D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5DFF 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 #4F5DFF looks like.

```
.text, #text, p{  
    color:#4F5DFF  
}
```

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 #4F5DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5DFF
}
```

## Border

The CSS property to change the border of an element to Hex 4F5DFF 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
#4F5DFF }
```

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

```
.border{ border-color:#4F5DFF }
```

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

Here you see how a box with a 4 pixel #4F5DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5DFF; -webkit-box-shadow:4px 4px  
4px 4px #4F5DFF; box-shadow:4px 4px 4px  
4px #4F5DFF }
```

# Background

The CSS property to change the background color of an element to Hex 4F5DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5DFF }
```

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

```
.background{ background-color:#4F5DFF }
```

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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