

# Converting Colors

Hex(5241FE)

Have a look what the booklet for  
Hex(5241FE) contains.

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# Color

Hex(5241FE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5241FE
RGB	82, 65, 254
RGB Percent	32%, 25%, 100%
CMY	0.6784, 0.7451, 0.0039
CMYK	0.68, 0.74, 0.00, 0.00
HSL	245°, 99%, 63%
HSV	245°, 74%, 100%
XYZ	23.2594, 12.7302, 94.9972
YIQ	91.6290, -50.5370, 62.3830

# Conversions

## Conversions Part 2

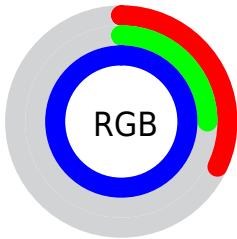
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 65, 254
Decimal	5390846
CIELab	42.35, 61.22, -90.50
CIELCh	42, 109.260, 304.077
Yxy	12.7302, 0.1776, 0.0972
Android (android.graphics.Color)	4283580926 (0xFF5241FE)
YUV	91.6290, 80.0489, -8.4446
Hunter-Lab	35.6794, 53.9251, -132.8854

# Details

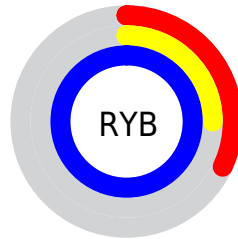
The Hex color **5241FE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **EDFE41**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9874FF**, and **000DC4** is the 20% darker color. If you saturate the color by 10%, you get **3B28FE**, and if you desaturate by 10%, it is **695AFE**.

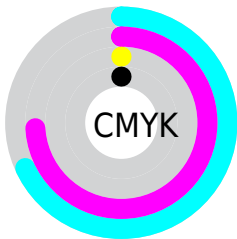
# Distribution



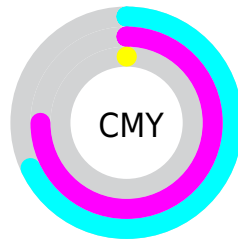
- Red (32%)
- Green (25%)
- Blue (100%)



- Red (32%)
- Yellow (25%)
- Blue (100%)



- Cyan (68%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (75%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5241FE 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 5241FE by changing the saturation by 10% instead.



 5241FE

 5241FE

FFFFFF

 2128E1

 9874FF

 000DC4

 B88FFF

 0000A8

 D8AAFF

 00008C

 F7C6FF

 000071

 FFE2FF

 000C58

 00063F

 000328

 000112

■ 5241FE

■ 5241FE

■ 3B28FE

■ 695AFE

■ 240EFE

■ 8074FE

■ 1700FE

■ 978DFE

■ AEA7FE

■ C6C0FE

■ DDD9FE

■ F4F3FE

FFFFFFE

# Harmonies

## Analogous

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



0070FF



5241FE



D100B5

# Triad

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



5241FE



B53900



00826F

# Complementary

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



5241FE



EDFE41

# 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.



007F00



5241FE



706600

# Square

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



5241FE



E50000



007800



0084C9

# Rectangle

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



5241FE



EF007A



007800



00814F



# Sweetspot

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



5241FE



CCC7FF



41EEFE



615E80



000000



808080



# Same Dimension

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



5241FE



301CFF



AF41FE



747380



1100BF



060040



# Inverse Universe

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



FE41ED



FF1CEB



90FE41



80737E



BF00AE

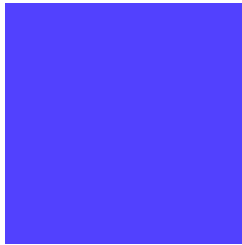


40003A



# Previews

## White Background



This preview shows how the Hex color 5241FE 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

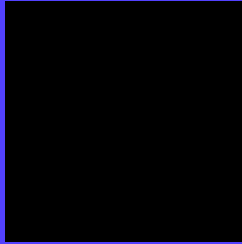
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5241FE Background



This preview shows how black text looks on a background with the Hex color 5241FE.

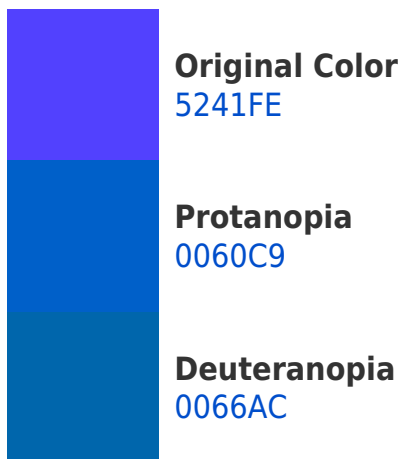


This preview shows how white text looks on a background with the Hex color 5241FE.

# 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](#).

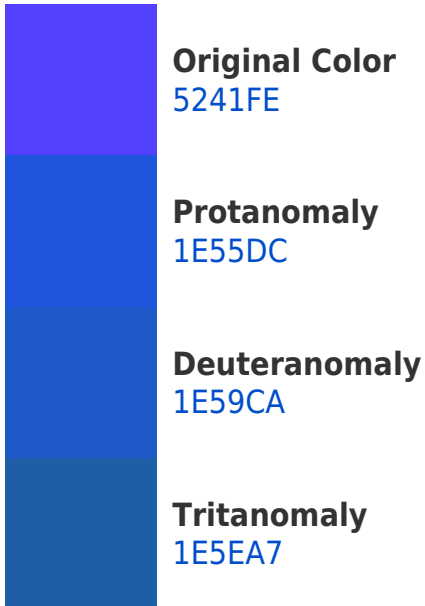
## Dichromacy



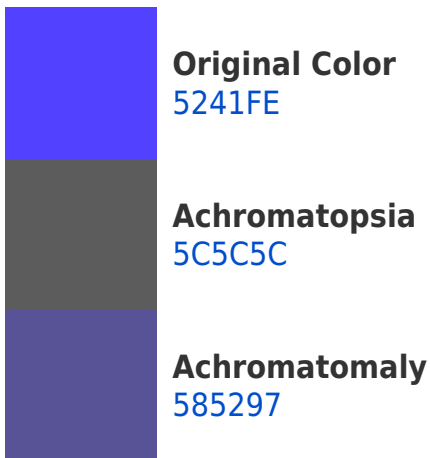


**Tritanopia**  
006E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5241FE 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 #5241FE looks like.

```
.text, #text, p{  
    color:#5241FE  
}
```

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 #5241FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5241FE
}
```

## Border

The CSS property to change the border of an element to Hex 5241FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

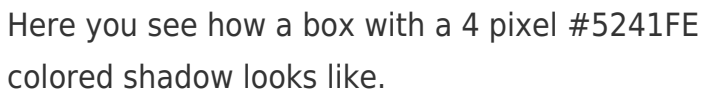
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5241FE }
```

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

```
.border{ border-color:#5241FE }
```

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



Here you see how a box with a 4 pixel #5241FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5241FE; -webkit-box-shadow:4px 4px  
4px 4px #5241FE; box-shadow:4px 4px 4px  
4px #5241FE }
```

# Background

The CSS property to change the background color of an element to Hex 5241FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5241FE }
```

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

```
.background{ background-color:#5241FE }
```

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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