

# Converting Colors

Hex(554FC2)

Have a look what the booklet for  
Hex(554FC2) contains.

<b>Hex(554FC2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(554FC2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	554FC2
RGB	85, 79, 194
RGB Percent	33%, 31%, 76%
CMY	0.6667, 0.6902, 0.2392
CMYK	0.56, 0.59, 0.00, 0.24
HSL	243°, 49%, 54%
HSV	243°, 59%, 76%
XYZ	16.2799, 11.4183, 52.3848
YIQ	93.9040, -33.3390, 37.0370

# Conversions

## Conversions Part 2

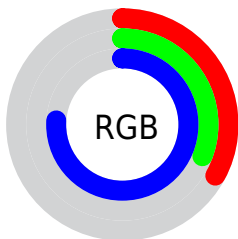
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 79, 194
Decimal	5590978
CIE <sub>Lab</sub>	40.28, 35.11, -59.69
CIE <sub>LCh</sub>	40, 69.247, 300.464
Yxy	11.4183, 0.2033, 0.1426
Android (android.graphics.Color)	4283781058 (0xFF554FC2)
<b>YUV</b>	93.9040, 49.3473, -7.8088
Hunter-Lab	33.7910, 26.8640, -68.2613

# Details

The Hex color **554FC2** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **BCC24F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8F81FB**, and **07228B** is the 20% darker color. If you saturate the color by 10%, you get **433CC2**, and if you desaturate by 10%, it is **6762C2**.

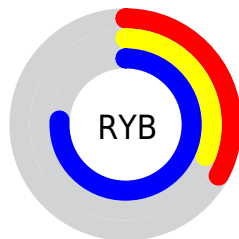
# Distribution



Red (33%)

Green (31%)

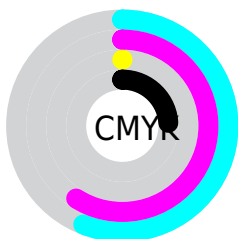
Blue (76%)



Red (33%)

Yellow (31%)

Blue (76%)

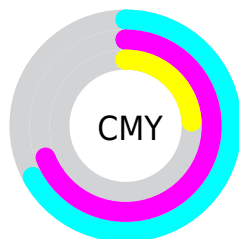


Cyan (56%)

Magenta (59%)

Yellow (0%)

Black (24%)



Cyan (67%)

Magenta (69%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 554FC2 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 554FC2 by changing the saturation by 10% instead.



■ 554FC2

■ 554FC2

FFFFFF

■ 3638A6

■ 8F81FB

■ 07228B

■ AC9BFF

■ 000E71

■ CAB6FF

■ 000058

■ E7D1FF

■ 00073F

■ FFEFFF

■ 000329

■ 000112

■ 000000

■ 554FC2

■ 554FC2

■ 433CC2

■ 6762C2

■ 3028C2

■ 7A76C2

■ 1E15C2

■ 8C89C2

■ 0B01C2

■ 9F9DC2

■ 0A00C2

■ B1B0C2

■ C3C3C2

■ D6D7C2

■ E8EAC2

■ FAFEC2

# Harmonies

## Analogous

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



0067D2



554FC2



A12998

# Triad

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



554FC2



9E4400



00765E

# Complementary

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



554FC2



BCC24F

# 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.



007321



554FC2



745D00

# Square

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



554FC2



BA1D29



396C00



007697

# Rectangle

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



554FC2



B80074



396C00



00754A



# Sweetspot

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



554FC2



D1CFFC



4FBCC2



656380



000000



808080



# Same Dimension

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



554FC2



5349FC



8E4FC2



585761



0800A1



020021



# Inverse Universe

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



C24FBC



FC49F3



83C24F



615760



A10098

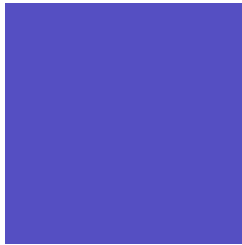


21001F



# Previews

## White Background



This preview shows how the Hex color 554FC2 looks on a white background.

## Color Contrast Check

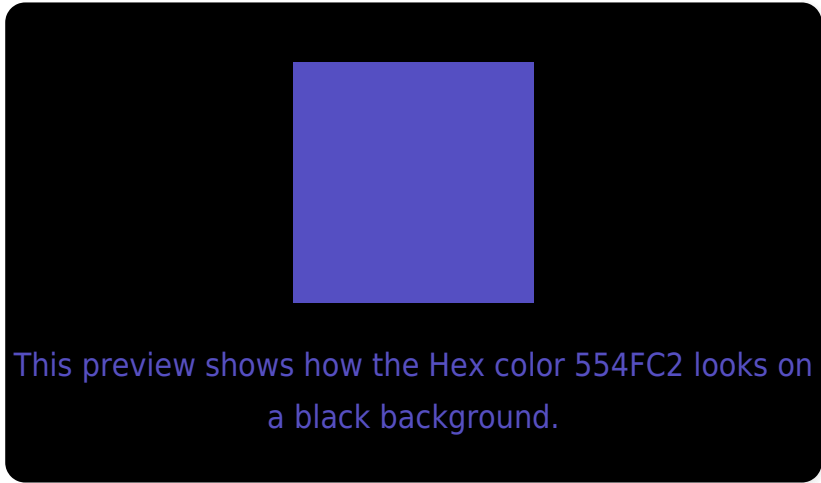
Large Text (above 18pt) WCAG AA ✓ Pass

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

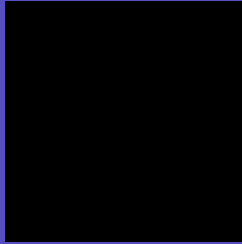
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 554FC2 Background



This preview shows how black text looks on a background with the Hex color 554FC2.



This preview shows how white text looks on a background with the Hex color 554FC2.

# 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



# Trichromacy



**Original Color**  
554FC2

**Protanomaly**  
1F57C2

**Tritanomaly**  
415E8D

# Monochromacy



**Original Color**  
554FC2

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5B5982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 554FC2 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 #554FC2 looks like.

```
.text, #text, p{  
    color:#554FC2  
}
```

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 #554FC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #554FC2
}
```

## Border

The CSS property to change the border of an element to Hex 554FC2 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
#554FC2 }
```

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

```
.border{ border-color:#554FC2 }
```

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

Here you see how a box with a 4 pixel #554FC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #554FC2; -webkit-box-shadow:4px 4px  
4px 4px #554FC2; box-shadow:4px 4px 4px  
4px #554FC2 }
```

# Background

The CSS property to change the background color of an element to Hex 554FC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#554FC2 }
```

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

```
.background{ background-color:#554FC2 }
```

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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