

# Converting Colors

Hex(594FCE)

Have a look what the booklet for  
Hex(594FCE) contains.

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# Color

Hex(594FCE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	594FCE
RGB	89, 79, 206
RGB Percent	35%, 31%, 81%
CMY	0.6510, 0.6902, 0.1922
CMYK	0.57, 0.62, 0.00, 0.19
HSL	245°, 56%, 56%
HSV	245°, 62%, 81%
XYZ	18.0564, 12.1720, 59.7903
YIQ	96.4680, -34.8070, 41.6170

# Conversions

## Conversions Part 2

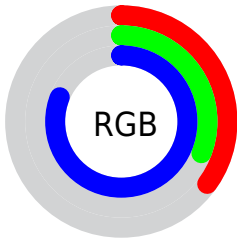
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 79, 206
Decimal	5853134
CIE <sub>Lab</sub>	41.49, 39.64, -64.66
CIE <sub>LCh</sub>	41, 75.842, 301.509
Yxy	12.1720, 0.2006, 0.1352
Android (android.graphics.Color)	4284043214 (0xFF594FCE)
YUV	96.4680, 53.9993, -6.5494
Hunter-Lab	34.8885, 31.3272, -77.1866

# Details

The Hex color **594FCE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **C4CE4F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9481FF**, and **072197** is the 20% darker color. If you saturate the color by 10%, you get **463ACE**, and if you desaturate by 10%, it is **6C64CE**.

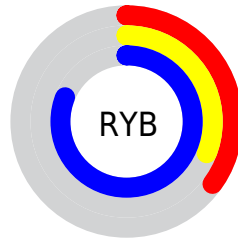
# Distribution



Red (35%)

Green (31%)

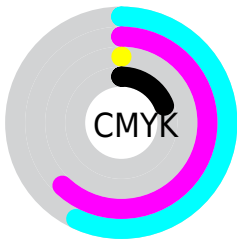
Blue (81%)



Red (35%)

Yellow (31%)

Blue (81%)

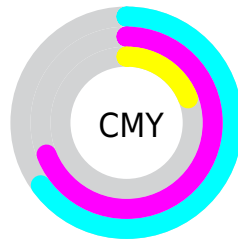


Cyan (57%)

Magenta (62%)

Yellow (0%)

Black (19%)



Cyan (65%)

Magenta (69%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 594FCE 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 594FCE by changing the saturation by 10% instead.



■ 594FCE

■ 594FCE

FFFFFF

■ 3938B2

■ 9481FF

■ 072197

■ B29BFF

■ 000C7C

■ D0B6FF

■ 000062

■ EED2FF

■ 000649

■ FFEFFF

■ 000432

■ 00011C

■ 000000

■ 594FCE

■ 594FCE

 463ACE

 6C64CE

 3326CE

 7F78CE

 2011CE

 928DCE

 1000CE

 A5A1CE

 B8B6CE

 CBCBCE

 DEDFCE

 F1F4CE

 FFFFCE

# Harmonies

## Analogous

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



006AE1



594FCE



AC1E9F

# Triad

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



594FCE



A54500



007B63

# Complementary

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



594FCE



C4CE4F

# 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.



00771F



594FCE



756100

# Square

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



594FCE



C40F25



337000



007BA2

# Rectangle

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



594FCE



C40076



337000



007A4D



# Sweetspot

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



594FCE



D5D1FF



4FC6CE



666380



000000



808080



# Same Dimension

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



594FCE



5142FF



974FCE



5D5C66



0D00A6



030026



# Inverse Universe

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



CE4FC4



FF42F0



86CE4F



665C65



A60099

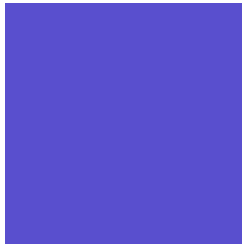


260023



# Previews

## White Background



This preview shows how the Hex color 594FCE looks on a white background.

## Color Contrast Check

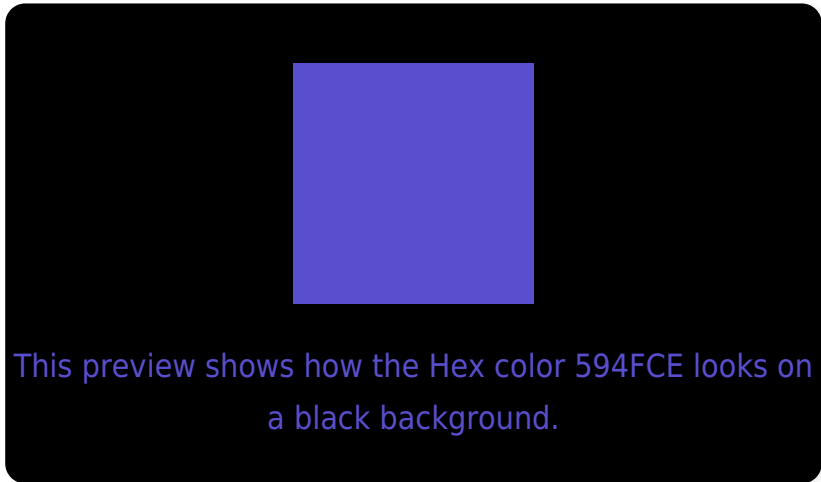
Large Text (above 18pt) WCAG AA ✓ Pass

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

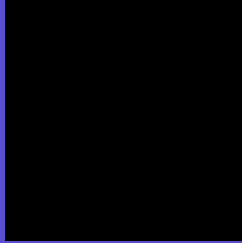
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 594FCE Background



This preview shows how black text looks on a background with the Hex color 594FCE.

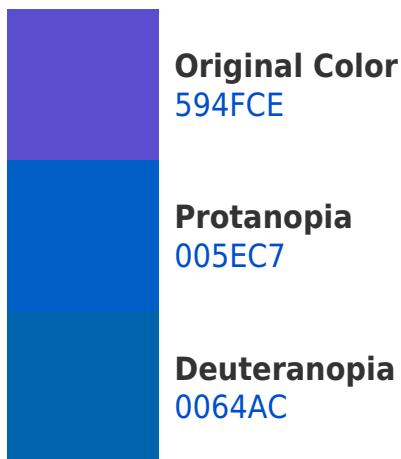


This preview shows how white text looks on a background with the Hex color 594FCE.

# 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](#).

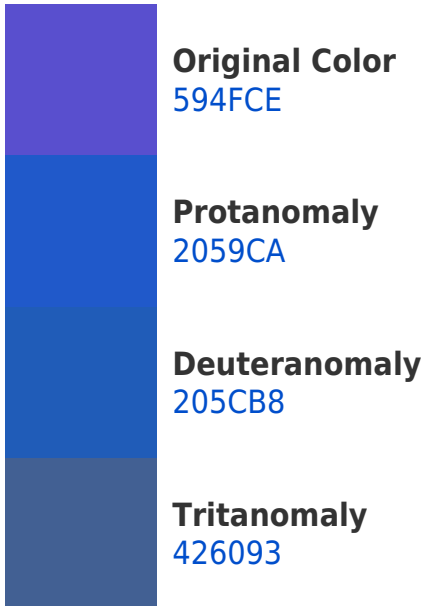
## Dichromacy



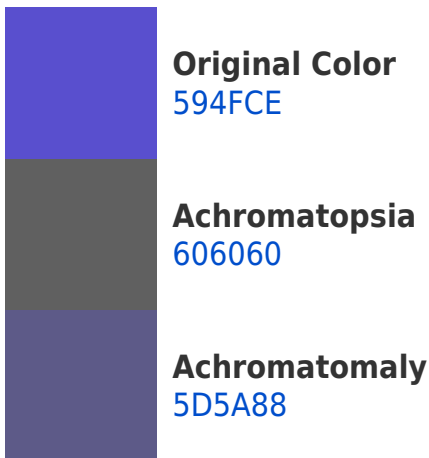


**Tritanopia**  
356972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 594FCE 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 #594FCE looks like.

```
.text, #text, p{  
    color:#594FCE  
}
```

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 #594FCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594FCE
}
```

## Border

The CSS property to change the border of an element to Hex 594FCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

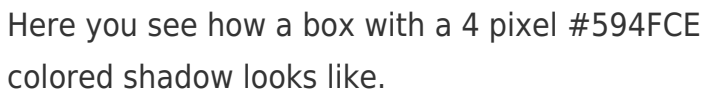
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#594FCE }
```

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

```
.border{ border-color:#594FCE }
```

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



Here you see how a box with a 4 pixel #594FCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594FCE; -webkit-box-shadow:4px 4px  
4px 4px #594FCE; box-shadow:4px 4px 4px  
4px #594FCE }
```

# Background

The CSS property to change the background color of an element to Hex 594FCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594FCE }
```

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

```
.background{ background-color:#594FCE }
```

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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