

# Converting Colors

Hex(547FE2)

Have a look what the booklet for  
Hex(547FE2) contains.

<b>Hex(547FE2)</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> .....	29

# Color

Hex(547FE2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547FE2
RGB	84, 127, 226
RGB Percent	33%, 50%, 89%
CMY	0.6706, 0.5020, 0.1137
CMYK	0.63, 0.44, 0.00, 0.11
HSL	222°, 71%, 61%
HSV	222°, 63%, 89%
XYZ	24.9730, 22.5545, 74.9888
YIQ	125.4290, -57.4070, 21.6730

# Conversions

## Conversions Part 2

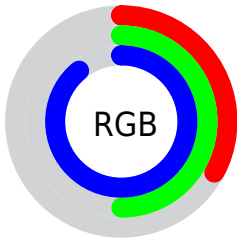
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 117, 226
Decimal	5537762
CIE Lab	54.61, 15.89, -54.88
CIE LCh	55, 57.132, 286.146
Yxy	22.5545, 0.2038, 0.1841
Android (android.graphics.Color)	4283727842 (0xFF547FE2)
YUV	125.4290, 49.5815, -36.3332
Hunter-Lab	47.4916, 10.7521, -60.3741

# Details

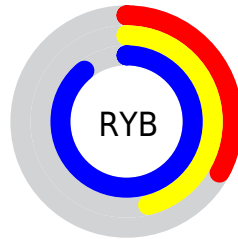
The Hex color **547FE2** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **E2B754**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **91B3FF**, and **004FAA** is the 20% darker color. If you saturate the color by 10%, you get **3D6FE2**, and if you desaturate by 10%, it is **6B8FE2**.

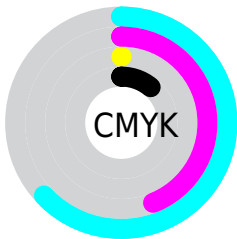
# Distribution



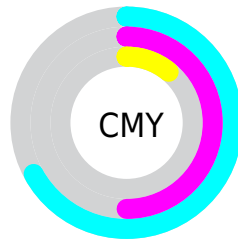
- Red (33%)
- Green (50%)
- Blue (89%)



- Red (33%)
- Yellow (46%)
- Blue (89%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (67%)
- Magenta (50%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547FE2 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 547FE2 by changing the saturation by 10% instead.



■ 547FE2

■ 547FE2

FFFFFF

■ 3166C6

■ 91B3FF

■ 004FAA

■ AFCFFF

■ 00388F

■ CDEBFF

■ 002475

■ EBFFFF

■ 00105B

■ 000743

■ 00032C

■ 000116

■ 000000

■ 547FE2

■ 547FE2

■ 3D6FE2

■ 6B8FE2

■ 275FE2

■ 819FE2

■ 1050E2

■ 98AEE2

■ 0044E2

■ AEBEE2

■ C5CEE2

■ DCDEE2

■ F2EDE2

■ FFFDE2

■ FFFFE2

# Harmonies

## Analogous

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



008FE3



547FE2



A76AC8

# Triad

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



547FE2



CE643D



009969

# Complementary

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



547FE2



E2B754

# 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.



489339



547FE2



AF7819

# Square

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



547FE2



DC546A



828814



009A9D

# Rectangle

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



547FE2



C65CAC



828814



009759



# Sweetspot

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



547FE2



CFDDFF



54E2B5



626B80



000000



808080



# Same Dimension

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



547FE2



407AFF



6E54E2



656870



0035B0



000F30



# Inverse Universe

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



E2547F



FF407A



C8E254



706568



B00035



30000F



# Previews

## White Background



This preview shows how the Hex color 547FE2 looks on a white background.

## Color Contrast Check

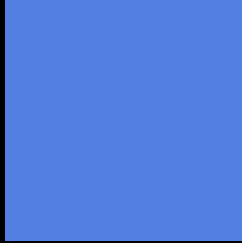
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 547FE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

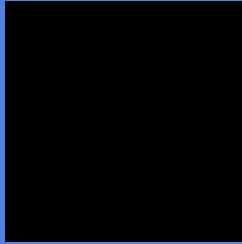
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 547FE2 Background



This preview shows how black text looks on a background with the Hex color 547FE2.



This preview shows how white text looks on a background with the Hex color 547FE2.

# 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](#).

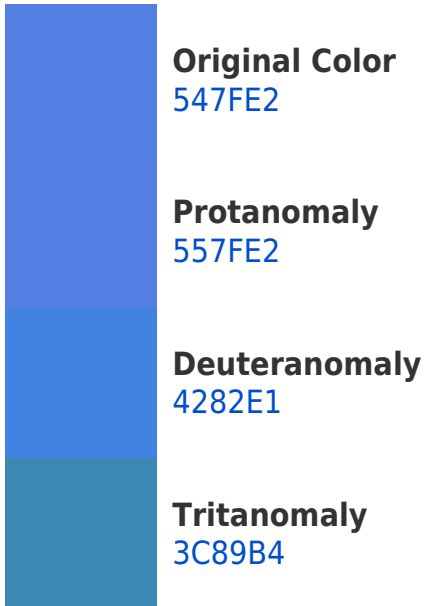
## Dichromacy



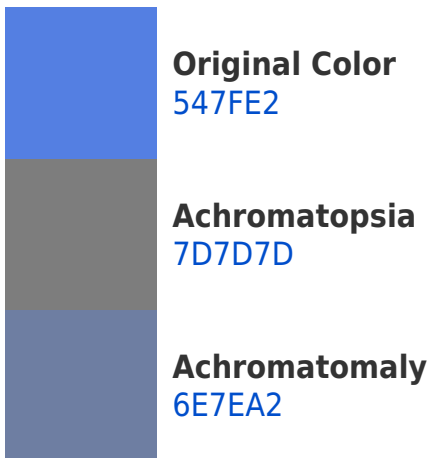


**Tritanopia**  
2E8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547FE2 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 #547FE2 looks like.

```
.text, #text, p{  
    color:#547FE2  
}
```

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 #547FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547FE2
}
```

## Border

The CSS property to change the border of an element to Hex 547FE2 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
#547FE2 }
```

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

```
.border{ border-color:#547FE2 }
```

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

Here you see how a box with a 4 pixel #547FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547FE2; -webkit-box-shadow:4px 4px  
4px 4px #547FE2; box-shadow:4px 4px 4px  
4px #547FE2 }
```

# Background

The CSS property to change the background color of an element to Hex 547FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547FE2 }
```

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

```
.background{ background-color:#547FE2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor