

# Converting Colors

Hex(539FEA)

Have a look what the booklet for  
Hex(539FEA) contains.

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# **Color**

**Hex(539FEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	539FEA
RGB	83, 159, 234
RGB Percent	33%, 62%, 92%
CMY	0.6745, 0.3765, 0.0824
CMYK	0.65, 0.32, 0.00, 0.08
HSL	210°, 78%, 62%
HSV	210°, 65%, 92%
XYZ	30.8167, 32.5758, 82.5054
YIQ	144.8260, -69.3710, 7.2130

# Conversions

## Conversions Part 2

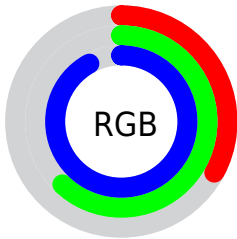
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 134, 234
Decimal	5480426
CIE Lab	63.82, -0.54, -44.72
CIE LCh	64, 44.725, 269.308
Yxy	32.5758, 0.2112, 0.2233
Android (android.graphics.Color)	4283670506 (0xFF539FEA)
YUV	144.8260, 43.9628, -54.2214
Hunter-Lab	57.0752, -3.5038, -45.7544

# Details

The Hex color **539FEA** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EA9E53**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **91D5FF**, and **006CB2** is the 20% darker color. If you saturate the color by 10%, you get **3C93EA**, and if you desaturate by 10%, it is **6AABEA**.

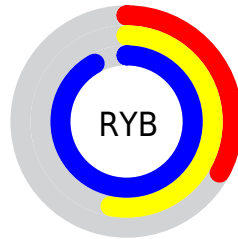
# Distribution



Red (33%)

Green (62%)

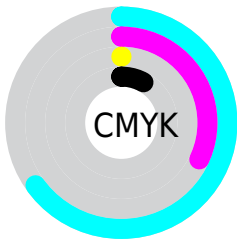
Blue (92%)



Red (33%)

Yellow (53%)

Blue (92%)

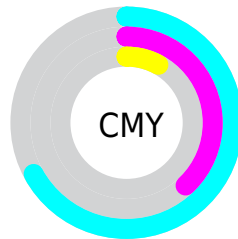


Cyan (65%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (67%)

Magenta (38%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 539FEA 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 539FEA by changing the saturation by 10% instead.



539FEA

539FEA

FFFFFF

2E85CE

91D5FF

006CB2

AFF2FF

005497

CDFFFF

003D7D

ECFFFF

002863

00144B

000433

00021D

000000

■ 539FEA

■ 539FEA

■ 3C93EA

■ 6AABEA

■ 2488EA

■ 82B6EA

■ 0D7CEA

■ 99C2EA

■ 0076EA

■ B1CDEA

■ C8D9EA

■ DFE5EA

■ F7F0EA

■ FFFCEA

■ FFFFEA

# Harmonies

## Analogous

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



00A9DE



539FEA



9C91E0

# Triad

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



539FEA



E47D76



59AB70

# Complementary

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



539FEA



EA9E53

# 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.



8BA453



539FEA



D38A57

# Square

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



539FEA



E37A9D



B39849



00AF98

# Rectangle

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



539FEA



BE86CF



B39849



6BA965

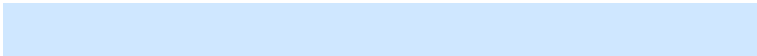


# Sweetspot

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



539FEA



CFE7FF



53EA9C



627180



000000



808080



# Same Dimension

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



539FEA



3B9DFF



5356EA



6A6F75



005BB5



001B36



# Inverse Universe

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



EA539F



FF3B9D



EAE753



756A6F



B5005B

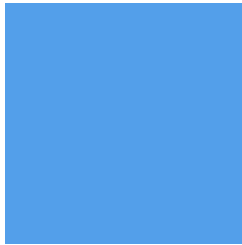


36001B



# Previews

## White Background



This preview shows how the Hex color 539FEA looks on a white background.

## Color Contrast Check

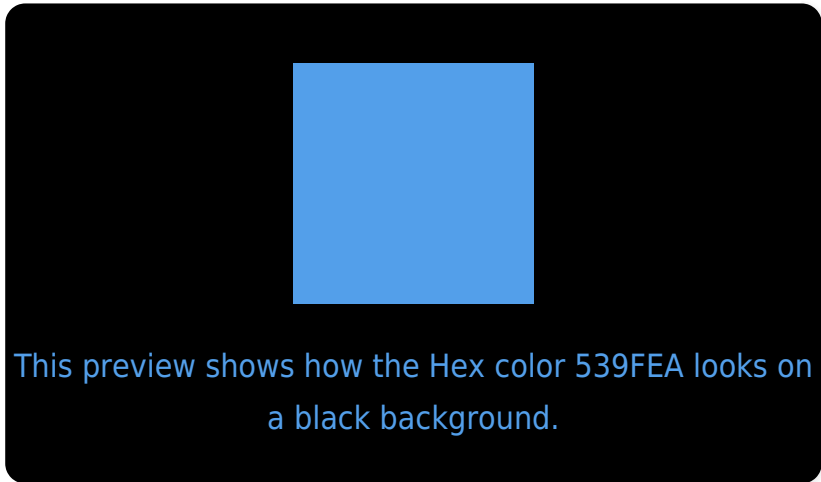
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

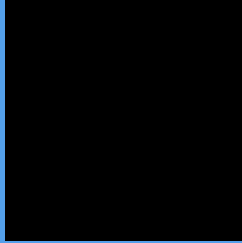
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

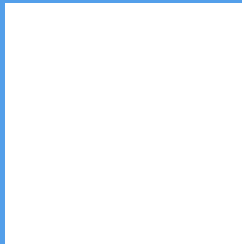
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 539FEA Background



This preview shows how black text looks on a background with the Hex color 539FEA.

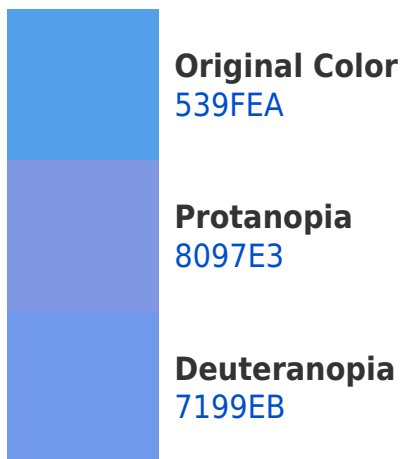


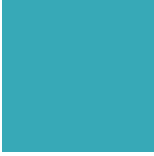
This preview shows how white text looks on a background with the Hex color 539FEA.

# 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](#).

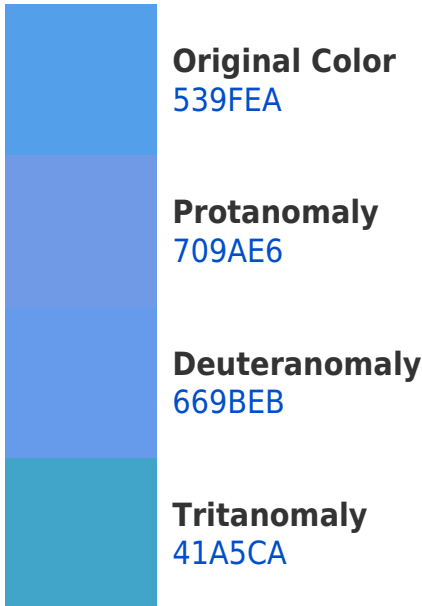
## Dichromacy



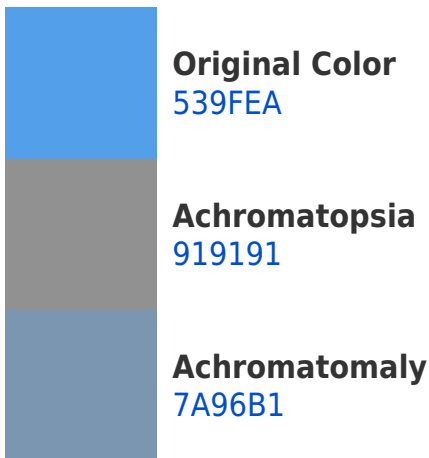


**Tritanopia**  
37A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 539FEA 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 #539FEA looks like.

```
.text, #text, p{  
    color:#539FEA  
}
```

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 #539FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539FEA
}
```

## Border

The CSS property to change the border of an element to Hex 539FEA 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
#539FEA }
```

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

```
.border{ border-color:#539FEA }
```

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

Here you see how a box with a 4 pixel #539FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539FEA; -webkit-box-shadow:4px 4px  
4px 4px #539FEA; box-shadow:4px 4px 4px  
4px #539FEA }
```

# Background

The CSS property to change the background color of an element to Hex 539FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539FEA }
```

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

```
.background{ background-color:#539FEA }
```

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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