

# Converting Colors

Hex(538FE9)

Have a look what the booklet for  
Hex(538FE9) contains.

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# **Color**

**Hex(538FE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	538FE9
RGB	83, 143, 233
RGB Percent	33%, 56%, 91%
CMY	0.6745, 0.4392, 0.0863
CMYK	0.64, 0.39, 0.00, 0.09
HSL	216°, 77%, 62%
HSV	216°, 64%, 91%
XYZ	28.0977, 27.3671, 80.8923
YIQ	135.3200, -64.6500, 15.2700

# Conversions

## Conversions Part 2

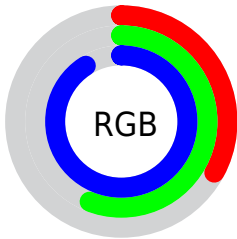
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 126, 233
Decimal	5476329
CIE Lab	59.31, 8.46, -51.29
CIE LCh	59, 51.982, 279.362
Yxy	27.3671, 0.2061, 0.2007
Android (android.graphics.Color)	4283666409 (0xFF538FE9)
YUV	135.3200, 48.1562, -45.8846
Hunter-Lab	52.3136, 4.3239, -55.0604

# Details

The Hex color **538FE9** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E9AD53**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91C4FF**, and **005DB1** is the 20% darker color. If you saturate the color by 10%, you get **3C81E9**, and if you desaturate by 10%, it is **6A9DE9**.

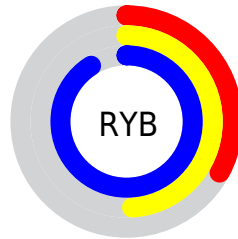
# Distribution



Red (33%)

Green (56%)

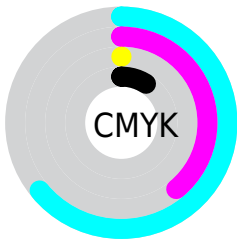
Blue (91%)



Red (33%)

Yellow (49%)

Blue (91%)

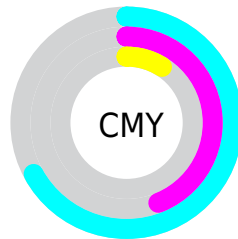


Cyan (64%)

Magenta (39%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (44%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538FE9 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 538FE9 by changing the saturation by 10% instead.



 538FE9

 538FE9

FFFFFF

 2E76CD

 91C4FF

 005DB1

 AFE0FF

 004696

 CDFDFF

 00317B

 EBFFFF

 001D62

 000449

 000432

 00021C

 000000

■ 538FE9

■ 538FE9

■ 3C81E9

■ 6A9DE9

■ 2473E9

■ 82ABE9

■ 0D65E9

■ 99B9E9

■ 005DE9

■ B0C7E9

■ C8D5E9

■ DFE3E9

■ F6F1E9

■ FFFFE9

# Harmonies

## Analogous

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



009CE4



538FE9



A47DD6

# Triad

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



538FE9



DC7057



0AA36D

# Complementary

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



538FE9



E9AD53

# 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.



699C44



538FE9



C28137

# Square

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



538FE9



E36682



9A912E



00A59C

# Rectangle

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



538FE9



C671BE



9A912E



3CA15E



# Sweetspot

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



538FE9



CFE2FF



53E9AD



626E80



000000



808080



# Same Dimension

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



538FE9



3B89FF



6253E9



6A6E75



0048B5



001536



# Inverse Universe

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



E9538F



FF3B89



DAE953



756A6E



B50048



360015



# Previews

## White Background



This preview shows how the Hex color 538FE9 looks on a white background.

## Color Contrast Check

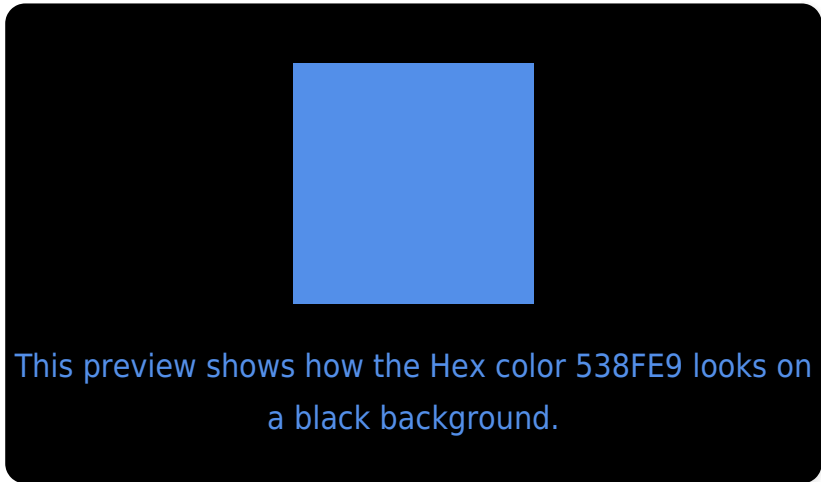
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

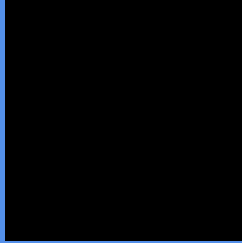
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

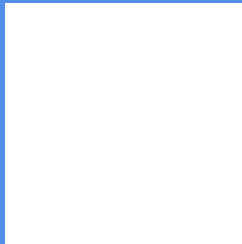
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 538FE9 Background



This preview shows how black text looks on a background with the Hex color 538FE9.

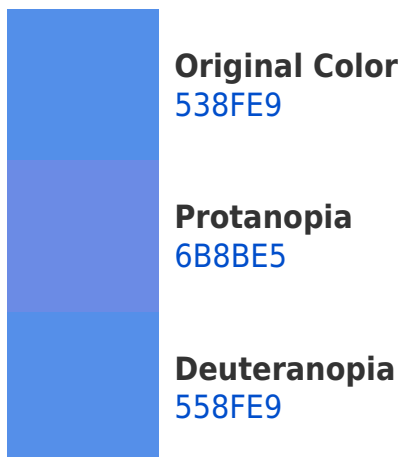


This preview shows how white text looks on a background with the Hex color 538FE9.

# 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](#).

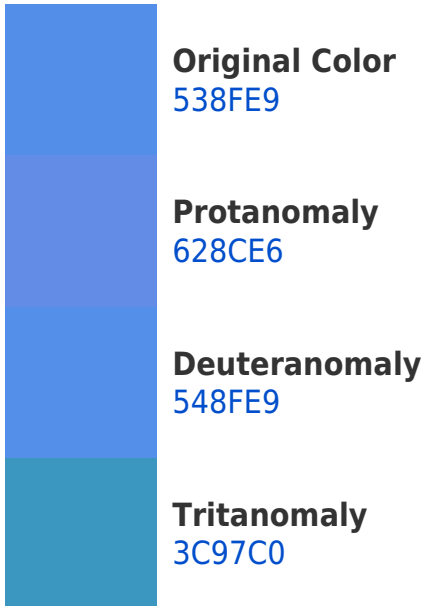
## Dichromacy



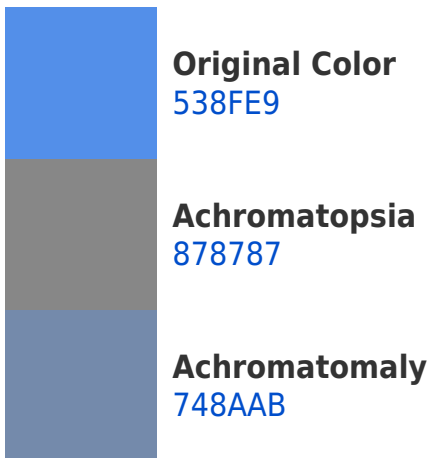


**Tritanopia**  
2F9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538FE9 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 #538FE9 looks like.

```
.text, #text, p{  
    color:#538FE9  
}
```

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 #538FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538FE9
}
```

## Border

The CSS property to change the border of an element to Hex 538FE9 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
#538FE9 }
```

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

```
.border{ border-color:#538FE9 }
```

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

Here you see how a box with a 4 pixel #538FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538FE9; -webkit-box-shadow:4px 4px  
4px 4px #538FE9; box-shadow:4px 4px 4px  
4px #538FE9 }
```

# Background

The CSS property to change the background color of an element to Hex 538FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538FE9 }
```

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

```
.background{ background-color:#538FE9 }
```

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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