

# Converting Colors

Hex(438EF9)

Have a look what the booklet for  
Hex(438EF9) contains.

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# **Color**

**Hex(438EF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	438EF9
RGB	67, 142, 249
RGB Percent	26%, 56%, 98%
CMY	0.7373, 0.4431, 0.0235
CMYK	0.73, 0.43, 0.00, 0.02
HSL	215°, 94%, 62%
HSV	215°, 73%, 98%
XYZ	29.0866, 27.3788, 93.3741
YIQ	131.7730, -79.0470, 17.3770

# Conversions

## Conversions Part 2

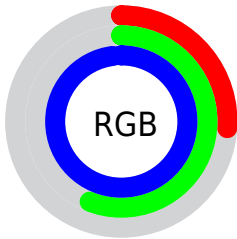
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	67, 120, 249
Decimal	4427513
CIE Lab	59.32, 12.27, -60.15
CIE LCh	59, 61.385, 281.532
Yxy	27.3788, 0.1941, 0.1827
Android (android.graphics.Color)	4282617593 (0xFF438EF9)
YUV	131.7730, 57.7929, -56.8059
Hunter-Lab	52.3248, 7.6572, -69.1763

# Details

The Hex color **438EF9** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **F9AE43**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **88C3FF**, and **005DC0** is the 20% darker color. If you saturate the color by 10%, you get **2A7FF9**, and if you desaturate by 10%, it is **5C9DF9**.

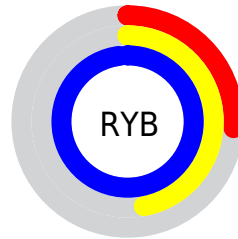
# Distribution



Red (26%)

Green (56%)

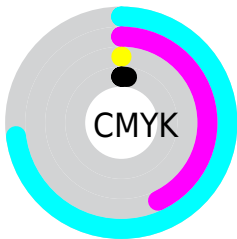
Blue (98%)



Red (26%)

Yellow (47%)

Blue (98%)

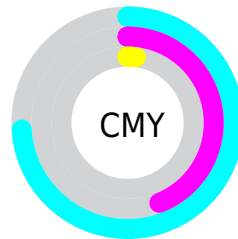


Cyan (73%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (74%)

Magenta (44%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 438EF9 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 438EF9 by changing the saturation by 10% instead.



 438EF9

 438EF9

FFFFFF

 0275DC

 88C3FF

 005DC0

 A7DFFF

 0046A4

 C6FBFF

 003189

 E5FFFF

 001E6F

 000556

 00063E

 000327

 000110

■ 438EF9

■ 438EF9

■ 2A7FF9

■ 5C9DF9

■ 1171F9

■ 75ABF9

■ 0067F9

■ 8EBAF9

■ A7C9F9

■ C0D7F9

■ D8E6F9

■ F1F4F9

■ FFFFF9

# Harmonies

## Analogous

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



009EF5



438EF9



AC77E0

# Triad

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



438EF9



E5694A



00A66B

# Complementary

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



438EF9



F9AE43

# 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.



5A9F37



438EF9



C58020

# Square

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



438EF9



F05A7C



979311



00A8A3

# Rectangle

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



438EF9



D267C3



979311



00A459



# Sweetspot

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



438EF9



C7DEFF



43F9AD



5E6C80



000000



808080



# Same Dimension

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



438EF9



1F7BFF



5243F9



70767D



004EBD



00193D



# Inverse Universe

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



F9438E



FF1F7B



EAF943



7D7076



BD004E



3D0019



# Previews

## White Background



This preview shows how the Hex color 438EF9 looks on a white background.

## Color Contrast Check

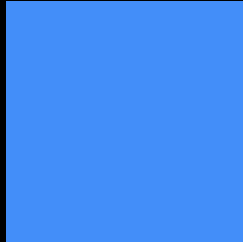
Large Text (above 18pt) WCAG AA ✓ Pass

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 438EF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

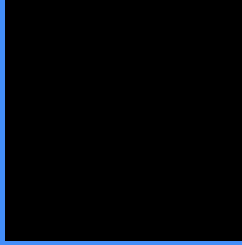
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

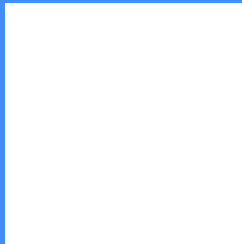
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 438EF9 Background



This preview shows how black text looks on a background with the Hex color 438EF9.

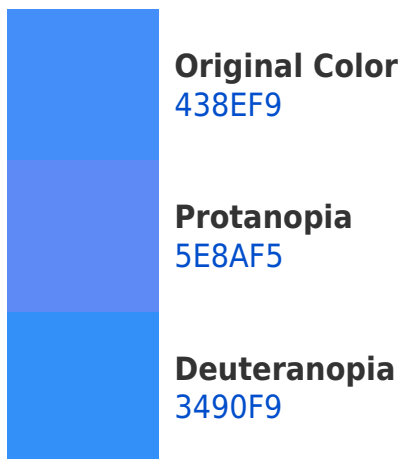


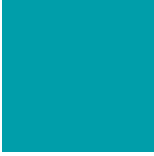
This preview shows how white text looks on a background with the Hex color 438EF9.

# 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](#).

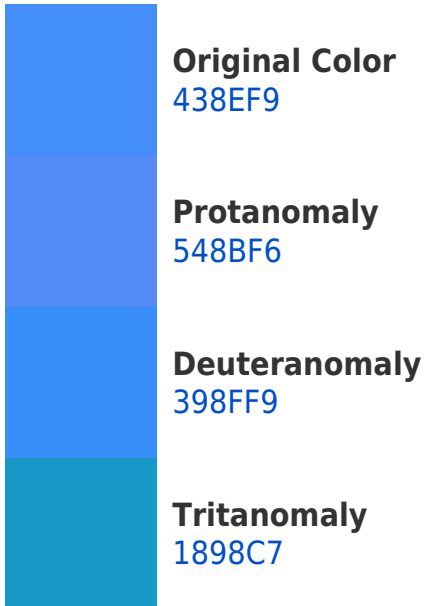
## Dichromacy





**Tritanopia**  
009EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 438EF9 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 #438EF9 looks like.

```
.text, #text, p{  
    color:#438EF9  
}
```

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 #438EF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438EF9
}
```

## Border

The CSS property to change the border of an element to Hex 438EF9 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
#438EF9 }
```

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

```
.border{ border-color:#438EF9 }
```

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

Here you see how a box with a 4 pixel #438EF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438EF9; -webkit-box-shadow:4px 4px  
4px 4px #438EF9; box-shadow:4px 4px 4px  
4px #438EF9 }
```

# Background

The CSS property to change the background color of an element to Hex 438EF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438EF9 }
```

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

```
.background{ background-color:#438EF9 }
```

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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