

# Converting Colors

Hex(338EFA)

Have a look what the booklet for  
Hex(338EFA) contains.

<b>Hex(338EFA)</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(338EFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	338EFA
RGB	51, 142, 250
RGB Percent	20%, 56%, 98%
CMY	0.8000, 0.4431, 0.0196
CMYK	0.80, 0.43, 0.00, 0.02
HSL	213°, 95%, 59%
HSV	213°, 80%, 98%
XYZ	28.2936, 26.9519, 94.1535
YIQ	127.1030, -88.9040, 14.2960

# Conversions

## Conversions Part 2

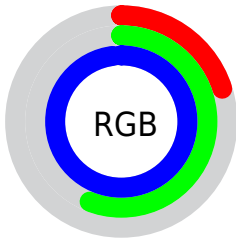
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 113, 250
Decimal	3378938
CIE Lab	58.93, 10.88, -61.35
CIE LCh	59, 62.309, 280.054
Yxy	26.9519, 0.1894, 0.1804
Android (android.graphics.Color)	4281569018 (0xFF338EFA)
YUV	127.1030, 60.5882, -66.7423
Hunter-Lab	51.9153, 6.4299, -71.1877

# Details

The Hex color **338EFA** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FA9F33**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7FC3FF**, and **005DC1** is the 20% darker color. If you saturate the color by 10%, you get **1A80FA**, and if you desaturate by 10%, it is **4C9CFA**.

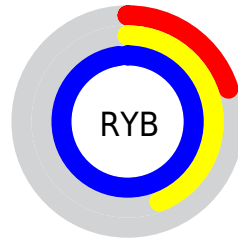
# Distribution



Red (20%)

Green (56%)

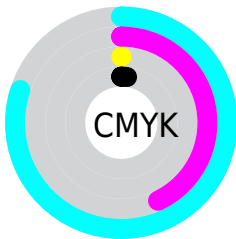
Blue (98%)



Red (20%)

Yellow (44%)

Blue (98%)

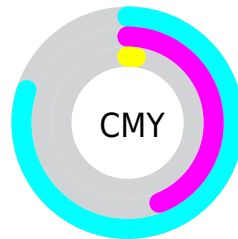


Cyan (80%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (80%)

Magenta (44%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 338EFA 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 338EFA by changing the saturation by 10% instead.



 338EFA

 338EFA

FFFFFF

 0075DD

 7FC3FF

 005DC1

 9FDFFF

 0046A5

 BEFBFF

 00318A

 DEFFFF


 001E70

 FDFFFF

 000757

 00063F

 000328

 000111

■ 338EFA

■ 338EFA

■ 1A80FA

■ 4C9CFA

■ 0173FA

■ 65A9FA

■ 0072FA

■ 7EB7FA

■ 97C4FA

■ B0D2FA

■ C9DFFA

■ E2EDFA

■ FBFBFA

■ FFFFFA

# Harmonies

## Analogous

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



009EF5



338EFA



A877E2

# Triad

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



338EFA



E6674A



00A566

# Complementary

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



338EFA



FA9F33

# 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.



5C9E32



338EFA



C67E1E

# Square

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



338EFA



F0587E



989109



00A89F

# Rectangle

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



338EFA



CF66C5



989109



04A354

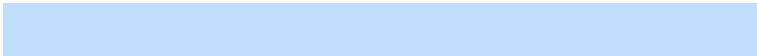


# Sweetspot

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



338EFA



C2DEFF



33FA9D



5B6B80



000000



808080



# Same Dimension

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



338EFA



0A7AFF



3A33FA



70767D



0056BD



001C3D



# Inverse Universe

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



FA338E



FF0A7A



F3FA33



7D7076



BD0056



3D001C



# Previews

## White Background



This preview shows how the Hex color 338EFA looks on a white background.

## Color Contrast Check

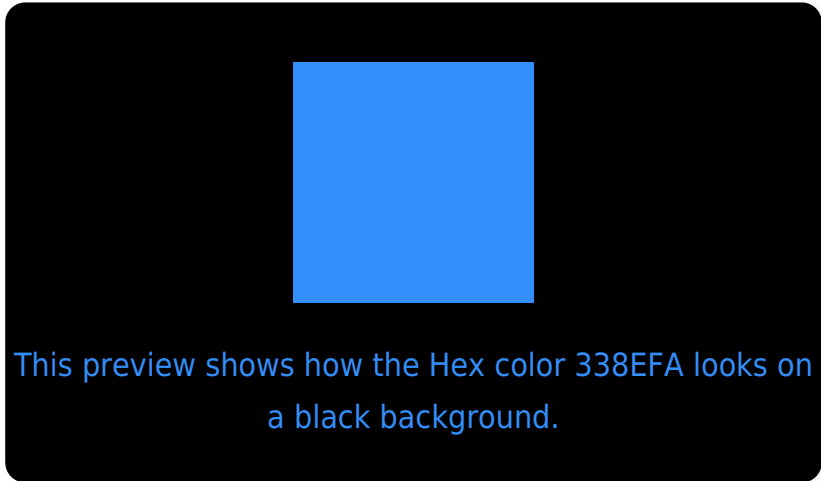
Large Text (above 18pt) WCAG AA ✓ Pass

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

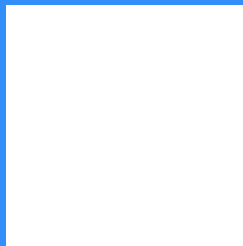
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 338EFA Background



This preview shows how black text looks on a background with the Hex color 338EFA.

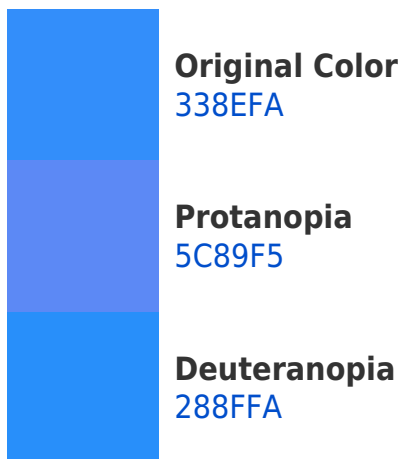


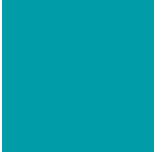
This preview shows how white text looks on a background with the Hex color 338EFA.

# 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](#).

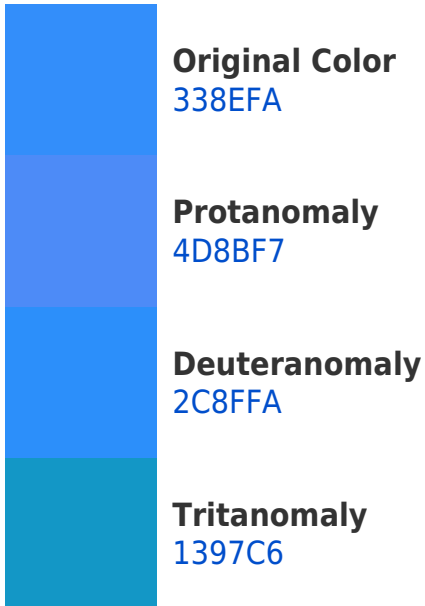
## Dichromacy



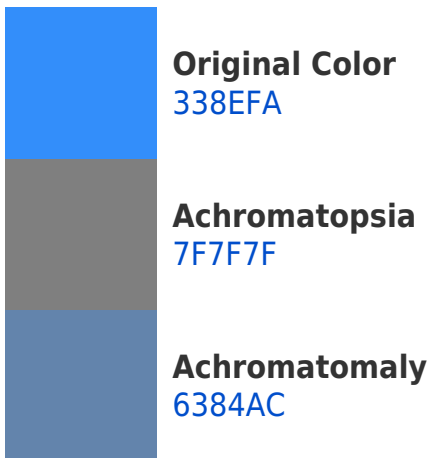


**Tritanopia**  
009CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 338EFA 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 #338EFA looks like.

```
.text, #text, p{  
    color:#338EFA  
}
```

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 #338EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338EFA
}
```

## Border

The CSS property to change the border of an element to Hex 338EFA 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
#338EFA }
```

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

```
.border{ border-color:#338EFA }
```

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

Here you see how a box with a 4 pixel #338EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338EFA; -webkit-box-shadow:4px 4px  
4px 4px #338EFA; box-shadow:4px 4px 4px  
4px #338EFA }
```

# Background

The CSS property to change the background color of an element to Hex 338EFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338EFA }
```

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

```
.background{ background-color:#338EFA }
```

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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