

# Converting Colors

Hex(3E8EE6)

Have a look what the booklet for  
Hex(3E8EE6) contains.

<b>Hex(3E8EE6)</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(3E8EE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E8EE6
RGB	62, 142, 230
RGB Percent	24%, 56%, 90%
CMY	0.7569, 0.4431, 0.0980
CMYK	0.73, 0.38, 0.00, 0.10
HSL	211°, 77%, 57%
HSV	211°, 73%, 90%
XYZ	25.9425, 26.0833, 78.5302
YIQ	128.1120, -75.9280, 10.4080

# Conversions

## Conversions Part 2

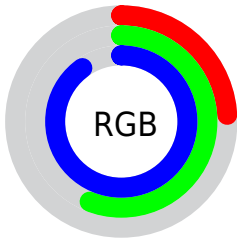
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 116, 230
Decimal	4099814
CIE Lab	58.12, 4.87, -51.57
CIE LCh	58, 51.802, 275.394
Yxy	26.0833, 0.1987, 0.1998
Android (android.graphics.Color)	4282289894 (0xFF3E8EE6)
YUV	128.1120, 50.2308, -57.9802
Hunter-Lab	51.0718, 1.2955, -55.4165

# Details

The Hex color **3E8EE6** 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 **E6963E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **81C3FF**, and **005CAE** is the 20% darker color. If you saturate the color by 10%, you get **2782E6**, and if you desaturate by 10%, it is **559AE6**.

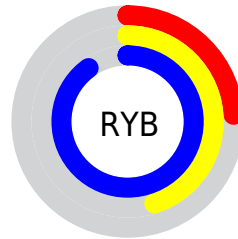
# Distribution



Red (24%)

Green (56%)

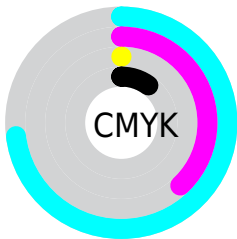
Blue (90%)



Red (24%)

Yellow (45%)

Blue (90%)

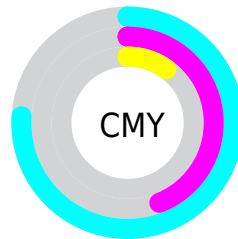


Cyan (73%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (76%)

Magenta (44%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8EE6 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 3E8EE6 by changing the saturation by 10% instead.



■ 3E8EE6

■ 3E8EE6

FFFFFF

■ 0075CA

■ 81C3FF

■ 005CAE

■ A0DFFF

■ 004593

■ BEFCFF

■ 003079

■ DDFFFF

■ 001C5F

■ FCFFFF

■ 000847

■ 000430

■ 00011A

■ 000000

■ 3E8EE6

■ 3E8EE6

■ 2782E6

■ 559AE6

■ 1076E6

■ 6CA6E6

■ 006EE6

■ 83B2E6

■ 9ABEE6

■ B1CAE6

■ C8D6E6

■ DFE2E6

■ F6EEE6

■ FFFAE6

# Harmonies

## Analogous

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



009ADE



3E8EE6



997CD6

# Triad

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



3E8EE6



DA6B5A



229F64

# Complementary

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



3E8EE6



E6963E

# 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.



6D983D



3E8EE6



C27C38

# Square

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



3E8EE6



DE6285



9D8C2B



00A293

# Rectangle

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



3E8EE6



BC70C0



9D8C2B



449D56

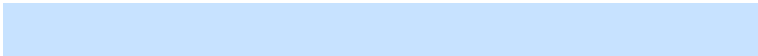


# Sweetspot

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



3E8EE6



C7E2FF



3EE695



5E6E80



000000



808080



# Same Dimension

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



3E8EE6



1F89FF



413EE6



676D73



0055B3



001833



# Inverse Universe

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



E63E8E



FF1F89



E3E63E



73676D



B30055

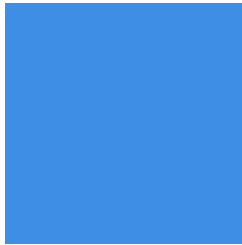


330018



# Previews

## White Background



This preview shows how the Hex color 3E8EE6 looks on a white background.

## Color Contrast Check

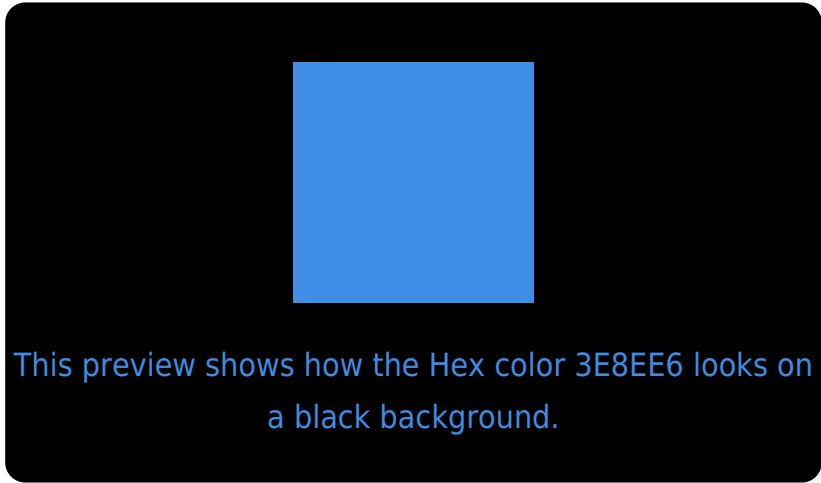
Large Text (above 18pt) WCAG AA ✓ Pass

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

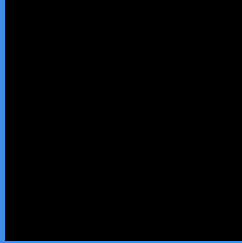
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

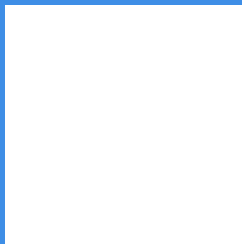
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E8EE6 Background



This preview shows how black text looks on a background with the Hex color 3E8EE6.



This preview shows how white text looks on a background with the Hex color 3E8EE6.

# 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](#).

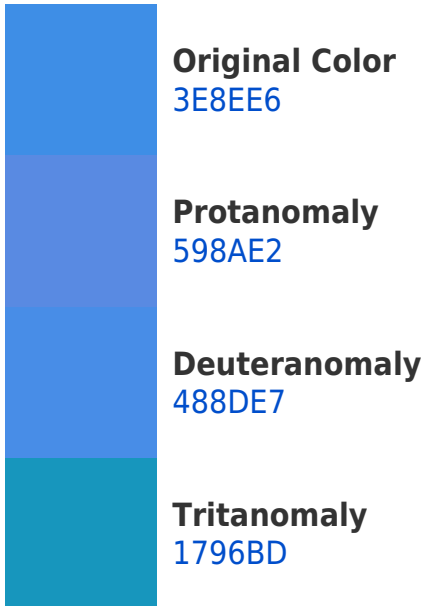
## Dichromacy





**Tritanopia**  
009AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8EE6 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 #3E8EE6 looks like.

```
.text, #text, p{  
    color:#3E8EE6  
}
```

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 #3E8EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8EE6  
}
```

## Border

The CSS property to change the border of an element to Hex 3E8EE6 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  
#3E8EE6 }
```

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

```
.border{ border-color:#3E8EE6 }
```

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

Here you see how a box with a 4 pixel #3E8EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8EE6; -webkit-box-shadow:4px 4px  
4px 4px #3E8EE6; box-shadow:4px 4px 4px  
4px #3E8EE6 }
```

# Background

The CSS property to change the background color of an element to Hex 3E8EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8EE6 }
```

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

```
.background{ background-color:#3E8EE6 }
```

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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