

# Converting Colors

Hex(6E8EE9)

Have a look what the booklet for  
Hex(6E8EE9) contains.

|  |    |
|--|----|
| <b>Hex(6E8EE9)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(6E8EE9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6E8EE9                      |
| RGB         | 110, 142, 233               |
| RGB Percent | 43%, 56%, 91%               |
| CMY         | 0.5686, 0.4431, 0.0863      |
| CMYK        | 0.53, 0.39, 0.00, 0.09      |
| HSL         | 224°, 74%, 67%              |
| HSV         | 224°, 53%, 91%              |
| XYZ         | 30.8114, 28.5442, 80.9764   |
| YIQ         | 142.8060, -48.2830, 21.5170 |

# Conversions

## Conversions Part 2

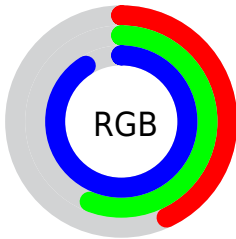
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">110, 135, 233</a>                   |
| Decimal                             | <a href="#">7245545</a>                         |
| CIELab                              | <a href="#">60.38, 14.26, -49.52</a>            |
| CIELCh                              | <a href="#">60, 51.530, 286.068</a>             |
| Yxy                                 | <a href="#">28.5442, 0.2196,<br/>0.2034</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285435625<br/>(0xFF6E8EE9)</a>     |
| YUV                                 | <a href="#">142.8060, 44.4656,<br/>-28.7709</a> |
| Hunter-Lab                          | <a href="#">53.4268, 9.4447,<br/>-52.4643</a>   |

# Details

The Hex color **6E8EE9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E9C96E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A8C3FF**, and **2F5CB1** is the 20% darker color. If you saturate the color by 10%, you get **577DE9**, and if you desaturate by 10%, it is **859FE9**.

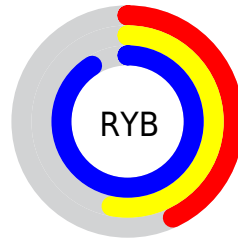
# Distribution



Red (43%)

Green (56%)

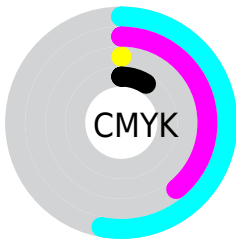
Blue (91%)



Red (43%)

Yellow (53%)

Blue (91%)

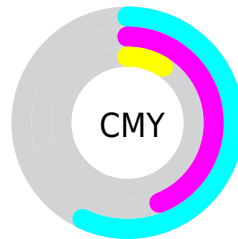


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (44%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8EE9 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 6E8EE9 by changing the saturation by 10% instead.



 6E8EE9

 6E8EE9

FFFFFF

 5075CD

 A8C3FF

 2F5CB1

 C5DFFF

 004596

 E3FCFF

 002F7B

 001C62

 00004A

 000432

 00021C

 000000

■ 6E8EE9

■ 6E8EE9

■ 577DE9

■ 859FE9

■ 3F6CE9

■ 9DB0E9

■ 285AE9

■ B4C2E9

■ 1149E9

■ CBD3E9

■ 003DE9

■ E3E4E9

■ FAF5E9

■ FFFFE9

# Harmonies

## Analogous

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



009DE9



6E8EE9



B47BD1

# Triad

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



6E8EE9



DA7652



00A77A

# Complementary

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



6E8EE9



E9C96E

# 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.



5FA150



6E8EE9



BD8836

# Square

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



6E8EE9



E66A7B



939734



00A8A9

# Rectangle

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



6E8EE9



D070B7



939734



29A56B



# Sweetspot

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



6E8EE9



D6E1FF



6EE9C8



676E80



000000



808080



# Same Dimension

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



6E8EE9



5E88FF



8B6EE9



6A6D75



002FB5



000E36



# Inverse Universe

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



E96E8E



FF5E88



CCE96E



756A6D



B5002F

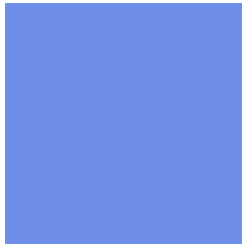


36000E



# Previews

## White Background



This preview shows how the Hex color 6E8EE9 looks on a white background.

## Color Contrast Check

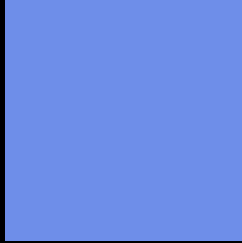
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E8EE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

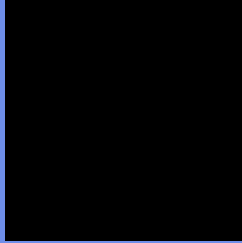
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6E8EE9 Background



This preview shows how black text looks on a background with the Hex color 6E8EE9.



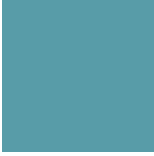
This preview shows how white text looks on a background with the Hex color 6E8EE9.

# 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](#).

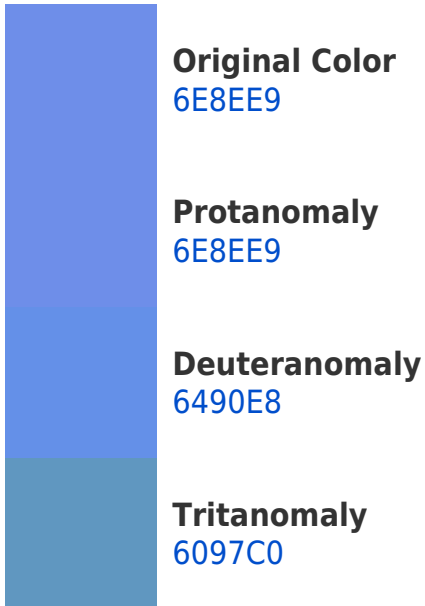
## Dichromacy



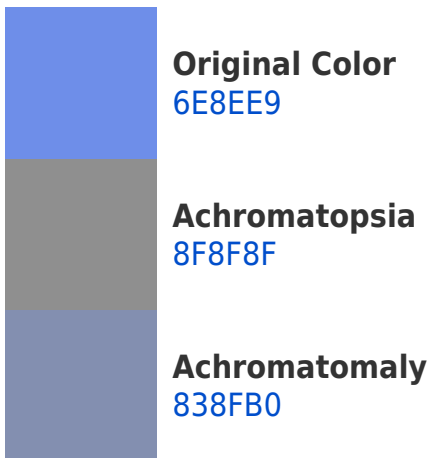


**Tritanopia**  
589CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8EE9 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 #6E8EE9 looks like.

```
.text, #text, p{  
    color:#6E8EE9  
}
```

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 #6E8EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8EE9
}
```

## Border

The CSS property to change the border of an element to Hex 6E8EE9 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
#6E8EE9 }
```

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

```
.border{ border-color:#6E8EE9 }
```

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

Here you see how a box with a 4 pixel #6E8EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8EE9; -webkit-box-shadow:4px 4px  
4px 4px #6E8EE9; box-shadow:4px 4px 4px  
4px #6E8EE9 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8EE9 }
```

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

```
.background{ background-color:#6E8EE9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor