

Converting Colors

Hex(6E8AEE)

Have a look what the booklet for
Hex(6E8AEE) contains.

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Color

Hex(6E8AEE)

Conversions

Conversions Part 1

Format	Color
Hex	6E8AEE
RGB	110, 138, 238
RGB Percent	43%, 54%, 93%
CMY	0.5686, 0.4588, 0.0667
CMYK	0.54, 0.42, 0.00, 0.07
HSL	227°, 79%, 68%
HSV	227°, 54%, 93%
XYZ	30.9515, 27.6650, 84.5975
YIQ	141.0280, -48.7880, 25.1640

Conversions

Conversions Part 2

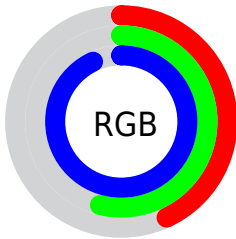
Format	Color
RYB	110, 133, 238
Decimal	7244526
CIELab	59.58, 18.20, -53.54
CIELCh	60, 56.553, 288.770
Yxy	27.6650, 0.2161, 0.1932
Android (android.graphics.Color)	4285434606 (0xFF6E8AEE)
YUV	141.0280, 47.8072, -27.2116
Hunter-Lab	52.5975, 12.9943, -58.5433

Details

The Hex color **6E8AEE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EED26E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A9BFFF**, and **2E59B5** is the 20% darker color. If you saturate the color by 10%, you get **5677EE**, and if you desaturate by 10%, it is **869DEE**.

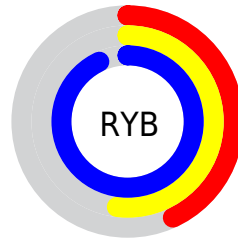
Distribution



Red (43%)

Green (54%)

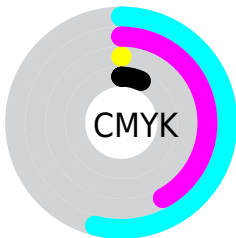
Blue (93%)



Red (43%)

Yellow (52%)

Blue (93%)

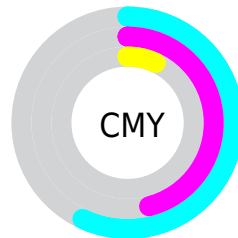


Cyan (54%)

Magenta (42%)

Yellow (0%)

Black (7%)



Cyan (57%)

Magenta (46%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E8AEE 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 6E8AEE by changing the saturation by 10% instead.

 6E8AEE

 6E8AEE

FFFFFF

 5071D1

 A9BFFF

 2E59B5

 C6DBFF

 00429A


 E4F7FF

 002C80

 001966

 00004D

 000536

 00021F

 000003

■ 6E8AEE

■ 6E8AEE

■ 5677EE

■ 869DEE

■ 3E65EE

■ 9EAFEE

■ 2752EE

■ B5C2EE

■ 0F40EE

■ CDD4EE

■ 0034EE

■ E5E7EE

■ FDFAEE

■ FFFFEE

Harmonies

Analogous

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



009AF1



6E8AEE



B975D2

Triad

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



6E8AEE



DB7346



00A67A

Complementary

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



6E8AEE



EED26E

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.



50A14A



6E8AEE



B98627

Square

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



6E8AEE



EA6372



8C9628



00A7AE

Rectangle

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



6E8AEE



D768B5



8C9628



00A56A

Sweetspot

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



6E8AEE



D6DFFF



6EEED0



676D80



000000



808080

Same Dimension

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



6E8AEE



597EFF



906EEE



6C6E78



0028B8



000C38

Inverse Universe

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



EE6E8A



FF597E



CCEE6E



786C6E



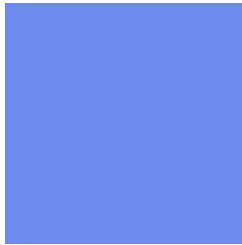
B80028



38000C

Previews

White Background



This preview shows how the Hex color 6E8AEE looks on a white background.

Color Contrast Check

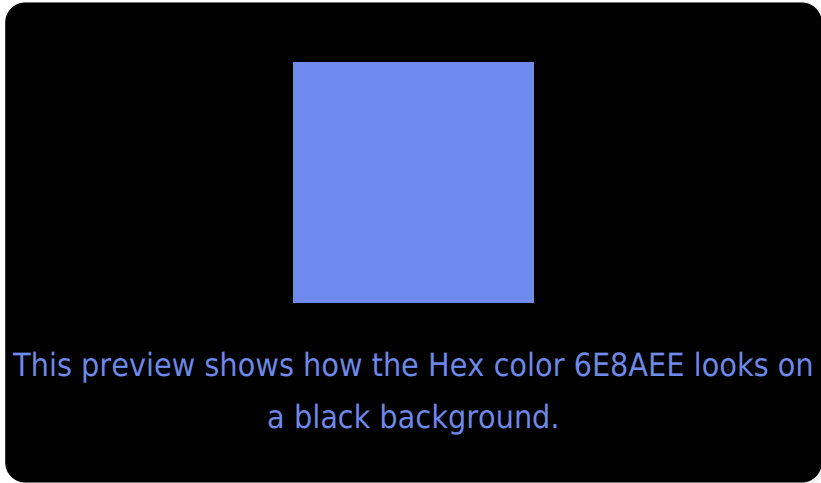
Large Text (above 18pt) WCAG AA ✓ Pass

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

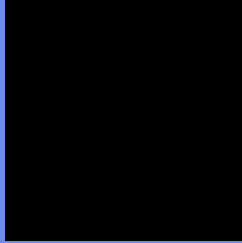
Any Text WCAG AA ✓ Pass

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 6E8AEE Background



This preview shows how black text looks on a background with the Hex color 6E8AEE.



This preview shows how white text looks on a background with the Hex color 6E8AEE.

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](#).

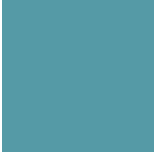
Dichromacy



Original Color
6E8AEE

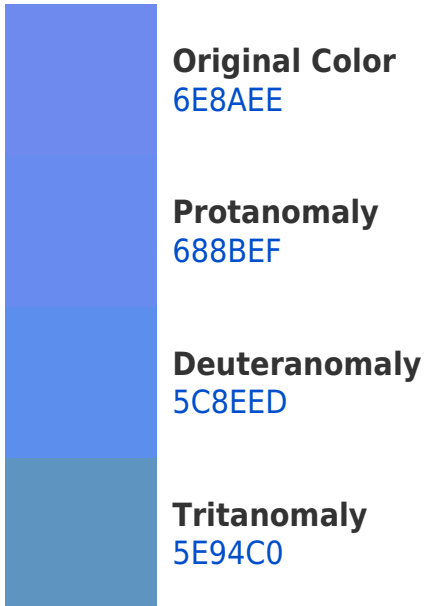
Protanopia
658CF0

Deuteranopia
5290ED

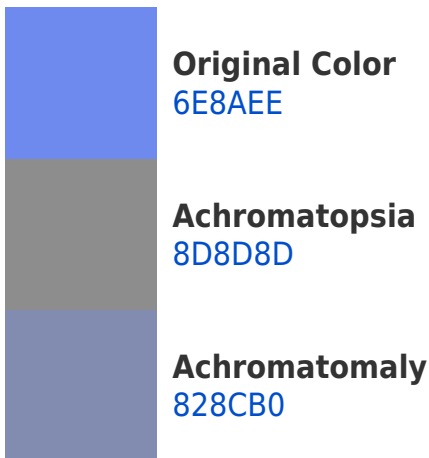


Tritanopia
559AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E8AEE 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 #6E8AEE looks like.

```
.text, #text, p{  
    color:#6E8AEE  
}
```

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 #6E8AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8AEE
}
```

Border

The CSS property to change the border of an element to Hex 6E8AEE 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
#6E8AEE }
```

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

```
.border{ border-color:#6E8AEE }
```

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

Here you see how a box with a 4 pixel #6E8AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8AEE; -webkit-box-shadow:4px 4px  
4px 4px #6E8AEE; box-shadow:4px 4px 4px  
4px #6E8AEE }
```

Background

The CSS property to change the background color of an element to Hex 6E8AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8AEE }
```

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

```
.background{ background-color:#6E8AEE }
```

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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