

# Converting Colors

Hex(6E9AEB)

Have a look what the booklet for  
Hex(6E9AEB) contains.

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# **Color**

**Hex(6E9AEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E9AEB
RGB	110, 154, 235
RGB Percent	43%, 60%, 92%
CMY	0.5686, 0.3961, 0.0784
CMYK	0.53, 0.34, 0.00, 0.08
HSL	219°, 76%, 68%
HSV	219°, 53%, 92%
XYZ	32.9814, 32.4244, 83.1175
YIQ	150.0780, -52.2250, 15.8630

# Conversions

## Conversions Part 2

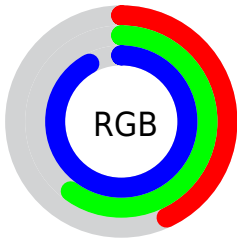
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 143, 235
Decimal	7248619
CIE Lab	63.69, 7.86, -45.38
CIE LCh	64, 46.060, 279.820
Yxy	32.4244, 0.2221, 0.2183
Android (android.graphics.Color)	4285438699 (0xFF6E9AEB)
YUV	150.0780, 41.8665, -35.1484
Hunter-Lab	56.9424, 3.7392, -46.6846

# Details

The Hex color **6E9AEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBBF6E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A8D0FF**, and **2F67B3** is the 20% darker color. If you saturate the color by 10%, you get **578BEB**, and if you desaturate by 10%, it is **86A9EB**.

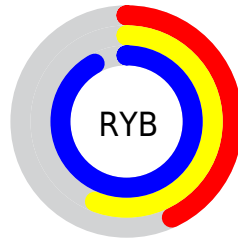
# Distribution



Red (43%)

Green (60%)

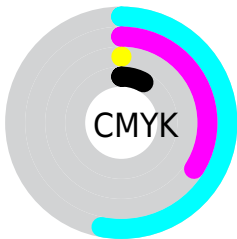
Blue (92%)



Red (43%)

Yellow (56%)

Blue (92%)

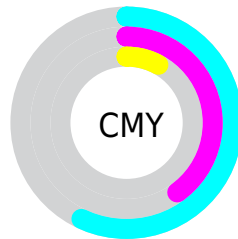


Cyan (53%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (57%)

Magenta (40%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9AEB 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 6E9AEB by changing the saturation by 10% instead.



 6E9AEB

 6E9AEB

FFFFFF

 5080CF

 A8D0FF

 2F67B3

 C5ECFF

 005098

 E3FFFF

 00397D

 002564

 000F4C

 000434

 00021E

 000000

■ 6E9AEB

■ 6E9AEB

■ 578BEB

■ 86A9EB

■ 3F7CEB

■ 9DB8EB

■ 286CEB

■ B5C8EB

■ 105DEB

■ CCD7EB

■ 0053EB

■ E3E6EB

■ FBF5EB

■ FFFFEB

# Harmonies

## Analogous

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



00A6E7



6E9AEB



AF8ADA

# Triad

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



6E9AEB



E18068



3DAD7D

# Complementary

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



6E9AEB



EBBF6E

# 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.



79A759



6E9AEB



CA8E4D

# Square

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



6E9AEB



E8788E



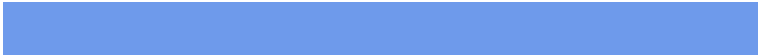
A69C46



00AFA7

# Rectangle

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



6E9AEB



CD80C4



A69C46



55AC6F



# Sweetspot

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



6E9AEB



D6E5FF



6EEBBD



677080



000000



808080



# Same Dimension

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



6E9AEB



5C95FF



7F6EEB



6A6E75



0040B5



001336



# Inverse Universe

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



EB6E9A



FF5C95



DAEB6E



756A6E



B50040

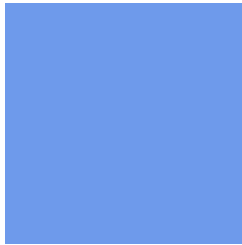


360013



# Previews

## White Background



This preview shows how the Hex color 6E9AEB looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6E9AEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

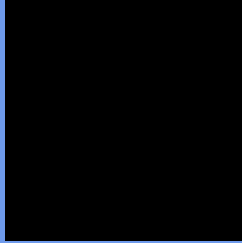
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

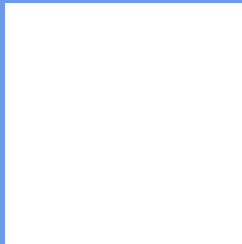
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E9AEB Background



This preview shows how black text looks on a background with the Hex color 6E9AEB.



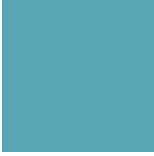
This preview shows how white text looks on a background with the Hex color 6E9AEB.

# 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](#).

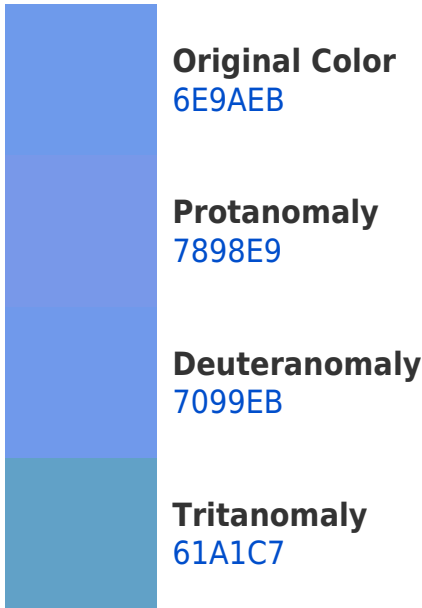
## Dichromacy



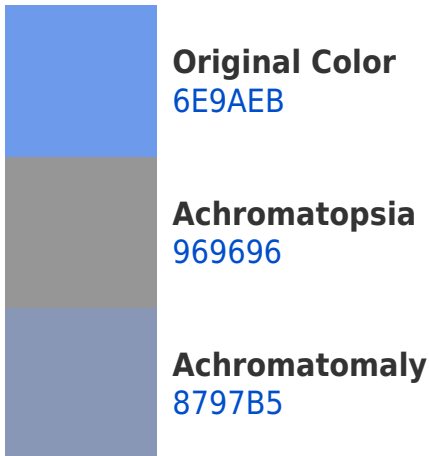


**Tritanopia**  
5AA5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9AEB 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 #6E9AEB looks like.

```
.text, #text, p{  
    color:#6E9AEB  
}
```

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 #6E9AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9AEB
}
```

## Border

The CSS property to change the border of an element to Hex 6E9AEB 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
#6E9AEB }
```

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

```
.border{ border-color:#6E9AEB }
```

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

Here you see how a box with a 4 pixel #6E9AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9AEB; -webkit-box-shadow:4px 4px  
4px 4px #6E9AEB; box-shadow:4px 4px 4px  
4px #6E9AEB }
```

# Background

The CSS property to change the background color of an element to Hex 6E9AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9AEB }
```

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

```
.background{ background-color:#6E9AEB }
```

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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