

# Converting Colors

Hex(6E96EB)

Have a look what the booklet for  
Hex(6E96EB) contains.

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# **Color**

**Hex(6E96EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E96EB
RGB	110, 150, 235
RGB Percent	43%, 59%, 92%
CMY	0.5686, 0.4118, 0.0784
CMYK	0.53, 0.36, 0.00, 0.08
HSL	221°, 76%, 68%
HSV	221°, 53%, 92%
XYZ	32.3321, 31.1258, 82.9011
YIQ	147.7300, -51.1250, 17.9550

# Conversions

## Conversions Part 2

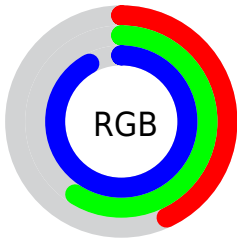
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 140, 235</a>
Decimal	<a href="#">7247595</a>
CIELab	<a href="#">62.61, 10.18, -47.09</a>
CIELCh	<a href="#">63, 48.174, 282.203</a>
Yxy	<a href="#">31.1258, 0.2209, 0.2127</a>
Android (android.graphics.Color)	<a href="#">4285437675 (0xFF6E96EB)</a>
YUV	<a href="#">147.7300, 43.0241, -33.0892</a>
Hunter-Lab	<a href="#">55.7905, 5.8122, -49.0476</a>

# Details

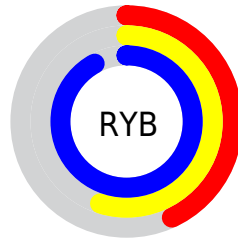
The Hex color **6E96EB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBC36E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A8CCFF**, and **2F64B3** is the 20% darker color. If you saturate the color by 10%, you get **5786EB**, and if you desaturate by 10%, it is **86A6EB**.

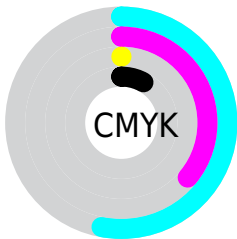
# Distribution



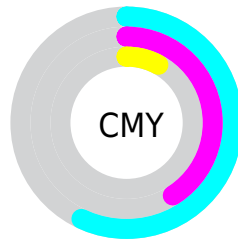
- Red (43%)
- Green (59%)
- Blue (92%)



- Red (43%)
- Yellow (55%)
- Blue (92%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)



- Cyan (57%)
- Magenta (41%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E96EB 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 6E96EB by changing the saturation by 10% instead.



 6E96EB

 6E96EB

FFFFFF

 507CCF

 A8CCFF

 2F64B3

 C6E8FF

 004C98


 E3FFFF

 00367D

 002264

 000A4B

 000434

 00021E

 000000

■ 6E96EB

■ 6E96EB

■ 5786EB

■ 86A6EB

■ 3F76EB

■ 9DB6EB

■ 2866EB

■ B5C6EB

■ 1056EB

■ CCD6EB

■ 004BEB

■ E3E6EB

■ FBF6EB

■ FFFFEB

# Harmonies

## Analogous

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



00A3E8



6E96EB



B185D7

# Triad

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



6E96EB



DF7C60



28AB7C

# Complementary

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



6E96EB



EBC36E

# 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.



70A555



6E96EB



C68C45

# Square

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



6E96EB



E87388



A09B40



00ADA8

# Rectangle

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



6E96EB



CF7BC0



A09B40



48AA6E



# Sweetspot

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



6E96EB



D6E3FF



6EEBC1



676F80



000000



808080



# Same Dimension

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



6E96EB



5C90FF



836EEB



6A6D75



003AB5



001136



# Inverse Universe

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



EB6E96



FF5C90



D6EB6E



756A6D



B5003A



360011



# Previews

## White Background



This preview shows how the Hex color 6E96EB 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 6E96EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

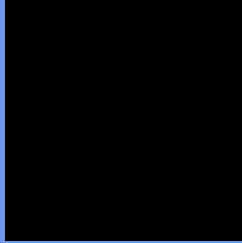
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

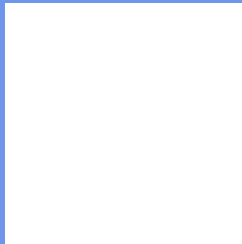
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E96EB Background



This preview shows how black text looks on a background with the Hex color 6E96EB.

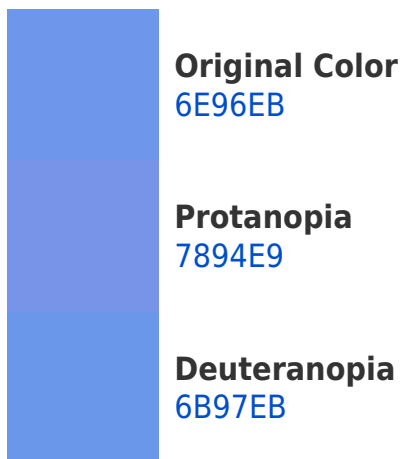


This preview shows how white text looks on a background with the Hex color 6E96EB.

# 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](#).

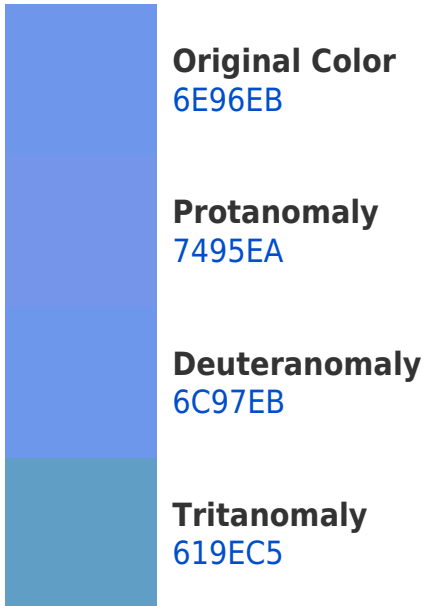
## Dichromacy



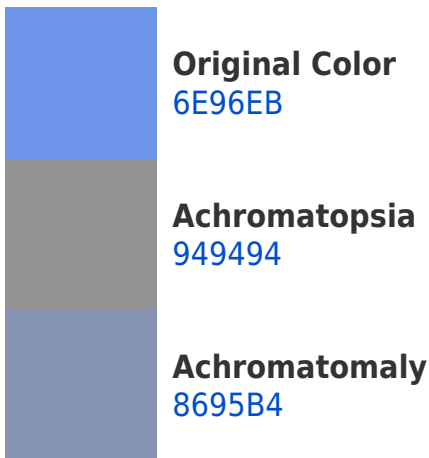


**Tritanopia**  
59A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E96EB 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 #6E96EB looks like.

```
.text, #text, p{  
    color:#6E96EB  
}
```

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 #6E96EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E96EB
}
```

## Border

The CSS property to change the border of an element to Hex 6E96EB 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
#6E96EB }
```

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

```
.border{ border-color:#6E96EB }
```

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

Here you see how a box with a 4 pixel #6E96EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E96EB; -webkit-box-shadow:4px 4px  
4px 4px #6E96EB; box-shadow:4px 4px 4px  
4px #6E96EB }
```

# Background

The CSS property to change the background color of an element to Hex 6E96EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E96EB }
```

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

```
.background{ background-color:#6E96EB }
```

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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