

# Converting Colors

Hex(6E8AC0)

Have a look what the booklet for  
Hex(6E8AC0) contains.

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# Color

**Hex(6E8AC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E8AC0
RGB	110, 138, 192
RGB Percent	43%, 54%, 75%
CMY	0.5686, 0.4588, 0.2471
CMYK	0.43, 0.28, 0.00, 0.25
HSL	220°, 39%, 59%
HSV	220°, 43%, 75%
XYZ	25.0333, 25.2977, 53.4327
YIQ	135.7840, -34.0220, 10.8580

# Conversions

## Conversions Part 2

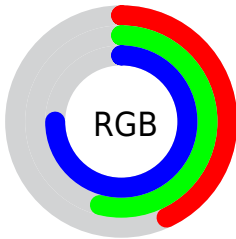
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 131, 192
Decimal	7244480
CIELab	57.36, 4.28, -31.26
CIELCh	57, 31.554, 277.788
Yxy	25.2977, 0.2413, 0.2438
Android (android.graphics.Color)	4285434560 (0xFF6E8AC0)
YUV	135.7840, 27.7145, -22.6126
Hunter-Lab	50.2968, 0.8220, -27.7788

# Details

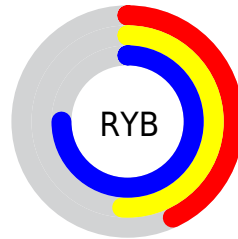
The Hex color **6E8AC0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C0A46E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A5BFF9**, and **38588A** is the 20% darker color. If you saturate the color by 10%, you get **5B7DC0**, and if you desaturate by 10%, it is **8197C0**.

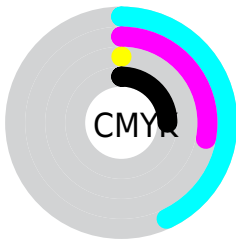
# Distribution



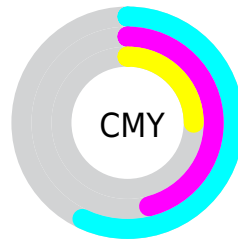
- Red (43%)
- Green (54%)
- Blue (75%)



- Red (43%)
- Yellow (51%)
- Blue (75%)



- Cyan (43%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (46%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8AC0 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 6E8AC0 by changing the saturation by 10% instead.





6E8AC0



6E8AC0

FFFFFF



5371A5



A5BFF9



38588A



C1DBFF



1B4171



DDF7FF



002B58



FBFFFF



001740



00032A



000114



000000



6E8AC0



6E8AC0

■ 5B7DC0

■ 8197C0

■ 4871C0

■ 94A3C0

■ 3464C0

■ A8B0C0

■ 2157C0

■ BBBDC0

■ 0E4BC0

■ CEC9C0

■ 0042C0

■ E1D6C0

■ F4E3C0

■ FFEFC0

■ FFFCC0

# Harmonies

## Analogous

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



3F92BC



6E8AC0



9680B5

# Triad

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



6E8AC0



BD7869



559774

# Complementary

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



6E8AC0



C0A46E

# 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.



77925D



6E8AC0



AD8157

# Square

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



6E8AC0



BF7483



958A53



309990

# Rectangle

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



6E8AC0



AB7AA7



958A53



61966B



# Sweetspot

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



6E8AC0



D9E5FA



6EC0A3



69707D



FCFCFC



7D7D7D



# Same Dimension

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



6E8AC0



7AA6FA



7A6EC0



575B61



0037A1



000B21



# Inverse Universe

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



C06E8A



FA7AA6



B4C06E



61575B



A10037



21000B



# Previews

## White Background



This preview shows how the Hex color 6E8AC0 looks on a white background.

## Color Contrast Check

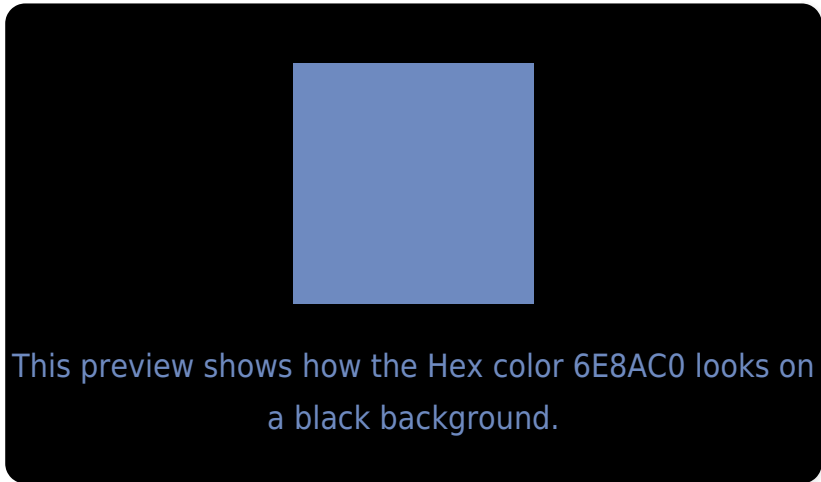
Large Text (above 18pt) WCAG AA ✓ Pass

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

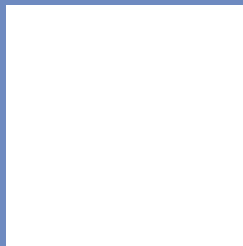
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E8AC0 Background



This preview shows how black text looks on a background with the Hex color 6E8AC0.

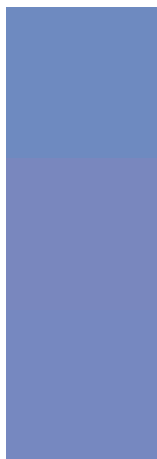


This preview shows how white text looks on a background with the Hex color 6E8AC0.

# 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**  
6E8AC0

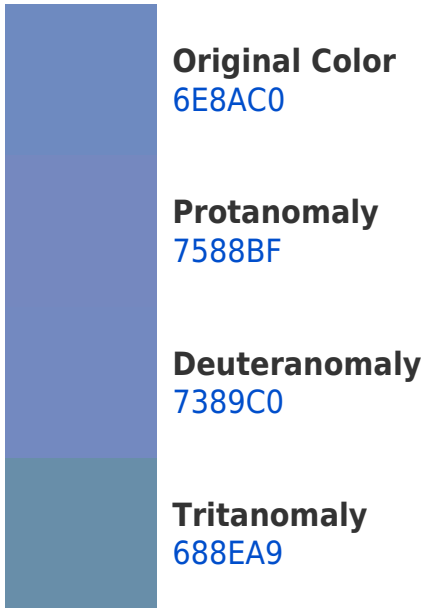
**Protanopia**  
7987BE

**Deuteranopia**  
7688C0



**Tritanopia**  
64919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8AC0 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 #6E8AC0 looks like.

```
.text, #text, p{  
    color:#6E8AC0  
}
```

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 #6E8AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8AC0
}
```

## Border

The CSS property to change the border of an element to Hex 6E8AC0 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
#6E8AC0 }
```

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

```
.border{ border-color:#6E8AC0 }
```

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

Here you see how a box with a 4 pixel #6E8AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8AC0; -webkit-box-shadow:4px 4px  
4px 4px #6E8AC0; box-shadow:4px 4px 4px  
4px #6E8AC0 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8AC0 }
```

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

```
.background{ background-color:#6E8AC0 }
```

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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