

# Converting Colors

Hex(6F8EB4)

Have a look what the booklet for  
Hex(6F8EB4) contains.

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# Color

**Hex(6F8EB4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F8EB4
RGB	111, 142, 180
RGB Percent	44%, 56%, 71%
CMY	0.5647, 0.4431, 0.2941
CMYK	0.38, 0.21, 0.00, 0.29
HSL	213°, 32%, 57%
HSV	213°, 38%, 71%
XYZ	24.4668, 26.0208, 46.9130
YIQ	137.0630, -30.6740, 5.2460

# Conversions

## Conversions Part 2

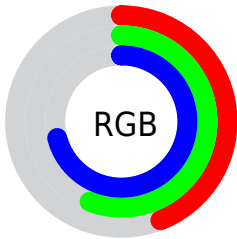
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 132, 180
Decimal	7311028
CIELab	58.06, -1.15, -23.37
CIElCh	58, 23.401, 267.195
Yxy	26.0208, 0.2512, 0.2672
Android (android.graphics.Color)	4285501108 (0xFF6F8EB4)
YUV	137.0630, 21.1679, -22.8573
Hunter-Lab	51.0106, -3.6526, -18.8199

# Details

The Hex color **6F8EB4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B4956F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A5C4EC**, and **3B5C7F** is the 20% darker color. If you saturate the color by 10%, you get **5D84B4**, and if you desaturate by 10%, it is **8198B4**.

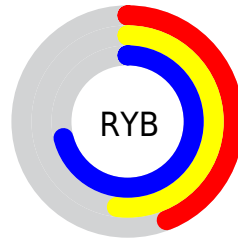
# Distribution



Red (44%)

Green (56%)

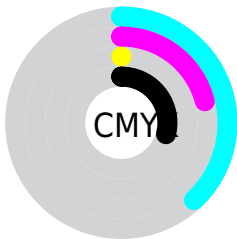
Blue (71%)



Red (44%)

Yellow (52%)

Blue (71%)

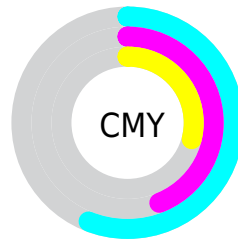


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (44%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F8EB4 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 6F8EB4 by changing the saturation by 10% instead.





6F8EB4



6F8EB4

FFFFFF



557499



A5C4EC



3B5C7F



C1DFFF



214566



DDFCFF



002E4E



FAFFFF



001A37



000221



000007



000000



6F8EB4



6F8EB4

■ 5D84B4

■ 8198B4

■ 4B7AB4

■ 93A2B4

■ 3970B4

■ A5ACB4

■ 2766B4

■ B7B6B4

■ 155CB4

■ C9C0B4

■ 0353B4

■ DBC9B4

■ 0051B4

■ EDD3B4

■ FFDDB4

■ FFE7B4

# Harmonies

## Analogous

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



5694AD



6F8EB4



8C87B0

# Triad

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



6F8EB4



B57E7A



6F9575

# Complementary

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



6F8EB4



B4956F

# 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.



879067



6F8EB4



AD836A

# Square

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



6F8EB4



B27D8E



9C8A63



599789

# Rectangle

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



6F8EB4



9D82A7



9C8A63



77936F



# Sweetspot

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



6F8EB4



CEDBEB



6FB495



656C75



F5F5F5



757575



# Same Dimension

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



6F8EB4



7FAFEB



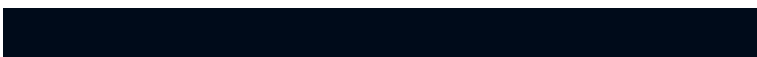
726FB4



505459



004599



000B1A



# Inverse Universe

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



B46F8E



EB7FAF



B1B46F



595054



990045

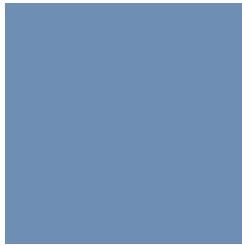


1A000B



# Previews

## White Background



This preview shows how the Hex color 6F8EB4 looks on a white background.

## Color Contrast Check

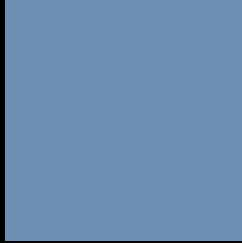
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F8EB4 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

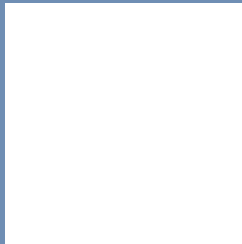
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F8EB4 Background



This preview shows how black text looks on a background with the Hex color 6F8EB4.



This preview shows how white text looks on a background with the Hex color 6F8EB4.

# 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](#).

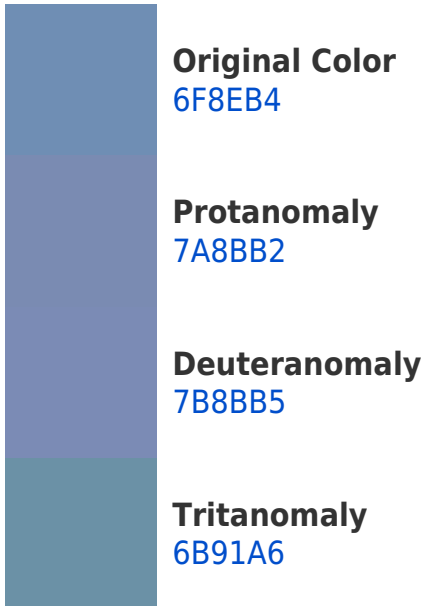
## Dichromacy





**Tritanopia**  
69929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F8EB4 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 #6F8EB4 looks like.

```
.text, #text, p{  
    color:#6F8EB4  
}
```

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 #6F8EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8EB4
}
```

## Border

The CSS property to change the border of an element to Hex 6F8EB4 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
#6F8EB4 }
```

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

```
.border{ border-color:#6F8EB4 }
```

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

Here you see how a box with a 4 pixel #6F8EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8EB4; -webkit-box-shadow:4px 4px  
4px 4px #6F8EB4; box-shadow:4px 4px 4px  
4px #6F8EB4 }
```

# Background

The CSS property to change the background color of an element to Hex 6F8EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8EB4 }
```

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

```
.background{ background-color:#6F8EB4 }
```

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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