

# Converting Colors

Hex(6E96C1)

Have a look what the booklet for  
Hex(6E96C1) contains.

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# **Color**

**Hex(6E96C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E96C1
RGB	110, 150, 193
RGB Percent	43%, 59%, 76%
CMY	0.5686, 0.4118, 0.2431
CMYK	0.43, 0.22, 0.00, 0.24
HSL	211°, 40%, 59%
HSV	211°, 43%, 76%
XYZ	26.9624, 28.9779, 54.6243
YIQ	142.9420, -37.6430, 4.8930

# Conversions

## Conversions Part 2

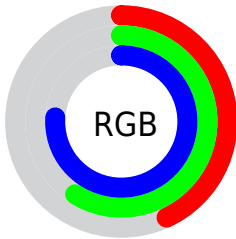
Format	Color
R <sub>Y</sub> B	110, 137, 193
Decimal	7247553
CIE Lab	60.76, -2.34, -26.57
CIE LCh	61, 26.672, 264.967
Yxy	28.9779, 0.2439, 0.2621
Android (android.graphics.Color)	4285437633 (0xFF6E96C1)
YUV	142.9420, 24.6786, -28.8901
Hunter-Lab	53.8312, -4.7993, -22.4818

# Details

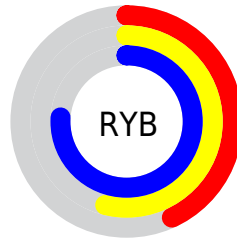
The Hex color **6E96C1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C1996E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A5CCFA**, and **38638B** is the 20% darker color. If you saturate the color by 10%, you get **5B8CC1**, and if you desaturate by 10%, it is **81A0C1**.

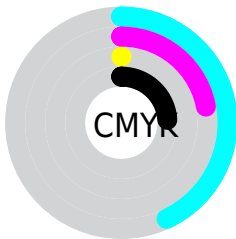
# Distribution



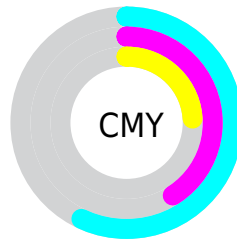
- Red (43%)
- Green (59%)
- Blue (76%)



- Red (43%)
- Yellow (54%)
- Blue (76%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (41%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E96C1 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 6E96C1 by changing the saturation by 10% instead.





6E96C1



6E96C1

FFFFFF



537CA6



A5CCFA



38638B



C1E8FF



1A4C72



DEFFFF



003559



FBFFFF



002041



00082B



000116



000000



6E96C1



6E96C1

■ 5B8CC1

■ 81A0C1

■ 4782C1

■ 95AAC1

■ 3478C1

■ A8B4C1

■ 216EC1

■ BBBEC1

■ 0E64C1

■ CFC8C1

■ 005DC1

■ E2D2C1

■ F5DCC1

■ FFE6C1

■ FFF0C1

# Harmonies

## Analogous

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



509CB8



6E96C1



918EBD

# Triad

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



6E96C1



C28280



739D77

# Complementary

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



6E96C1



C1996E

# 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.



8F9767



6E96C1



B9886D

# Square

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



6E96C1



BE8198



A79064



599F8E

# Rectangle

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



6E96C1



A588B4



A79064



7D9B71

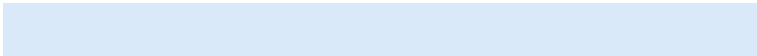


# Sweetspot

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



6E96C1



D9E9FA



6EC199



69737D



FCFCFC



7D7D7D

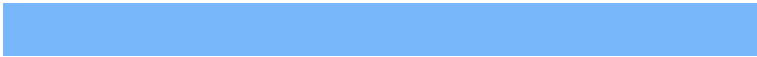


# Same Dimension

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



6E96C1



78B7FA



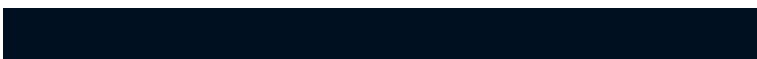
6F6EC1



575C61



004DA1



001021



# Inverse Universe

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



C16E96



FA78B7



C0C16E



61575C



A1004D

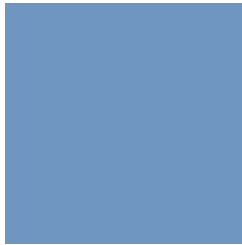


210010



# Previews

## White Background



This preview shows how the Hex color 6E96C1 looks on a white background.

## Color Contrast Check

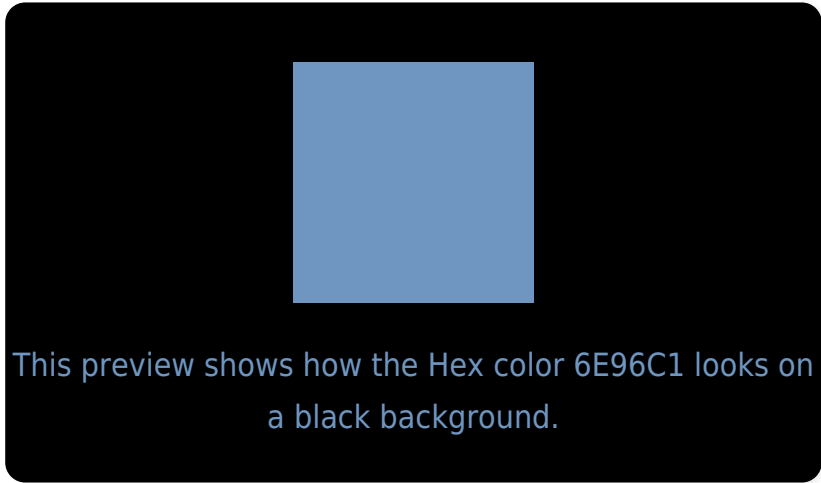
Large Text (above 18pt) WCAG AA ✓ Pass

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

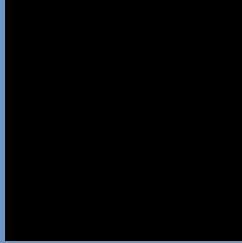
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

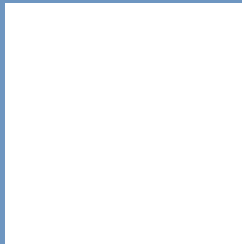
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E96C1 Background



This preview shows how black text looks on a background with the Hex color 6E96C1.



This preview shows how white text looks on a background with the Hex color 6E96C1.

# 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](#).

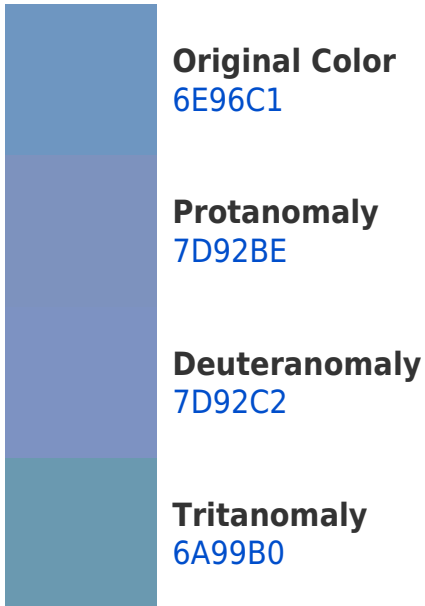
## Dichromacy



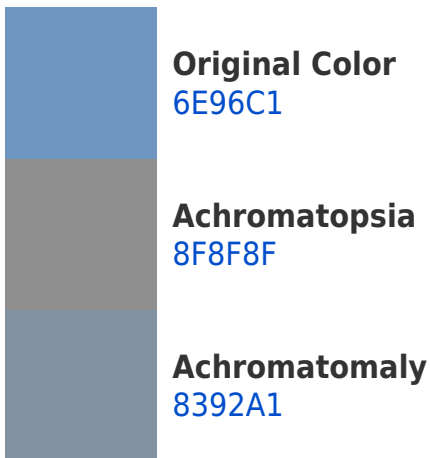


**Tritanopia**  
679BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E96C1 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 #6E96C1 looks like.

```
.text, #text, p{  
    color:#6E96C1  
}
```

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 #6E96C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E96C1  
}
```

## Border

The CSS property to change the border of an element to Hex 6E96C1 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  
#6E96C1 }
```

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

```
.border{ border-color:#6E96C1 }
```

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

Here you see how a box with a 4 pixel #6E96C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E96C1; -webkit-box-shadow:4px 4px  
4px 4px #6E96C1; box-shadow:4px 4px 4px  
4px #6E96C1 }
```

# Background

The CSS property to change the background color of an element to Hex 6E96C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E96C1 }
```

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

```
.background{ background-color:#6E96C1 }
```

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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