

# Converting Colors

Hex(6E7CD8)

Have a look what the booklet for  
Hex(6E7CD8) contains.

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# Color

**Hex(6E7CD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E7CD8
RGB	110, 124, 216
RGB Percent	43%, 49%, 85%
CMY	0.5686, 0.5137, 0.1529
CMYK	0.49, 0.43, 0.00, 0.15
HSL	232°, 58%, 64%
HSV	232°, 49%, 85%
XYZ	26.0327, 22.6882, 67.9729
YIQ	130.3020, -37.8760, 25.6440

# Conversions

## Conversions Part 2

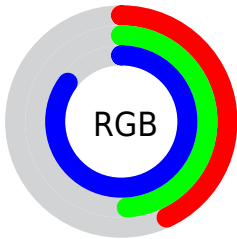
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 122, 216
Decimal	7240920
CIE <sub>Lab</sub>	54.75, 19.76, -48.95
CIE <sub>LCh</sub>	55, 52.786, 291.979
Yxy	22.6882, 0.2231, 0.1944
Android (android.graphics.Color)	4285431000 (0xFF6E7CD8)
YUV	130.3020, 42.2491, -17.8049
Hunter-Lab	47.6321, 14.2008, -51.2668

# Details

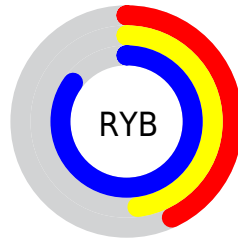
The Hex color **6E7CD8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D8CA6E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A7B0FF**, and **334CA1** is the 20% darker color. If you saturate the color by 10%, you get **5869D8**, and if you desaturate by 10%, it is **848FD8**.

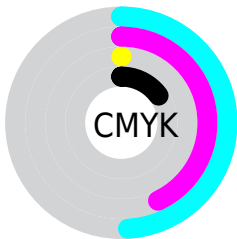
# Distribution



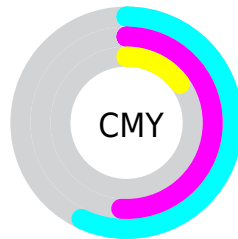
- Red (43%)
- Green (49%)
- Blue (85%)



- Red (43%)
- Yellow (48%)
- Blue (85%)



- Cyan (49%)
- Magenta (43%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7CD8 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 6E7CD8 by changing the saturation by 10% instead.



■ 6E7CD8

■ 6E7CD8

FFFFFF

■ 5163BC

■ A7B0FF

■ 334CA1

■ C4CCFF

■ 073586

■ E1E8FF

■ 00216C

■ 000C53

■ 00063B

■ 000225

■ 00010D

■ 000000

 6E7CD8

 6E7CD8

 5869D8

 848FD8

 4357D8

 99A1D8

 2D44D8

 AFB4D8

 1831D8

 C4C7D8

 021ED8

 DADAD8

 001DD8

 F0ECD8

 FFFFD8

# Harmonies

## Analogous

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



008CDD



6E7CD8



AF68BC

# Triad

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



6E7CD8



C66A3C



009875

# Complementary

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



6E7CD8



D8CA6E

# 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.



419448



6E7CD8



A67C21

# Square

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



6E7CD8



D65B64



7B8B26



0099A4

# Rectangle

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



6E7CD8



C85DA0



7B8B26



009765



# Sweetspot

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



6E7CD8



D9DEFF



6ED8CA



696C80



000000



808080



# Same Dimension

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



6E7CD8



697CFF



956ED8



60626B



0017AB



00062B



# Inverse Universe

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



D86E7C



FF697C



B1D86E



6B6062



AB0017

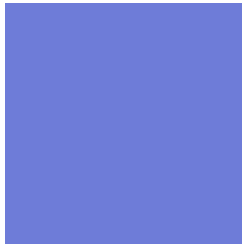


2B0006



# Previews

## White Background



This preview shows how the Hex color 6E7CD8 looks on a white background.

## Color Contrast Check

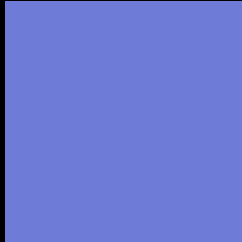
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E7CD8 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 6E7CD8 Background



This preview shows how black text looks on a background with the Hex color 6E7CD8.



This preview shows how white text looks on a background with the Hex color 6E7CD8.

# 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**  
6E7CD8

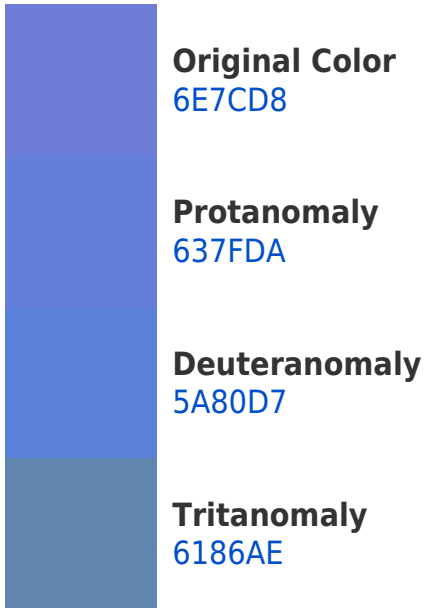
**Protanopia**  
5C80DB

**Deuteranopia**  
4E83D6

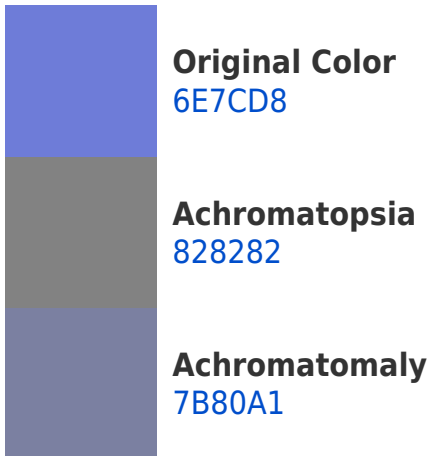


**Tritanopia**  
5A8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7CD8 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 #6E7CD8 looks like.

```
.text, #text, p{  
    color:#6E7CD8  
}
```

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 #6E7CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7CD8
}
```

## Border

The CSS property to change the border of an element to Hex 6E7CD8 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
#6E7CD8 }
```

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

```
.border{ border-color:#6E7CD8 }
```

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

Here you see how a box with a 4 pixel #6E7CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7CD8; -webkit-box-shadow:4px 4px  
4px 4px #6E7CD8; box-shadow:4px 4px 4px  
4px #6E7CD8 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7CD8 }
```

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

```
.background{ background-color:#6E7CD8 }
```

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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