

# Converting Colors

Hex(6C76EA)

Have a look what the booklet for  
Hex(6C76EA) contains.

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# **Color**

**Hex(6C76EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C76EA
RGB	108, 118, 234
RGB Percent	42%, 46%, 92%
CMY	0.5765, 0.5373, 0.0824
CMYK	0.54, 0.50, 0.00, 0.08
HSL	235°, 75%, 67%
HSV	235°, 54%, 92%
XYZ	27.5141, 22.0855, 80.6547
YIQ	128.2340, -43.1960, 33.9560

# Conversions

## Conversions Part 2

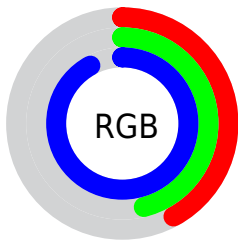
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 117, 234
Decimal	7108330
CIE Lab	54.12, 28.53, -60.07
CIE LCh	54, 66.498, 295.402
Yxy	22.0855, 0.2112, 0.1696
Android (android.graphics.Color)	4285298410 (0xFF6C76EA)
YUV	128.2340, 52.1426, -17.7452
Hunter-Lab	46.9952, 22.2638, -68.8587

# Details

The Hex color **6C76EA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EAE06C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A7A AFF**, and **2A46B1** is the 20% darker color. If you saturate the color by 10%, you get **5560EA**, and if you desaturate by 10%, it is **838CEA**.

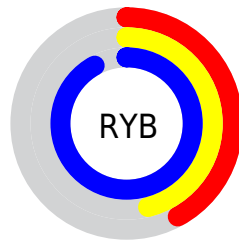
# Distribution



Red (42%)

Green (46%)

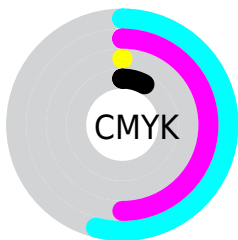
Blue (92%)



Red (42%)

Yellow (46%)

Blue (92%)

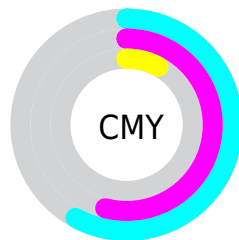


Cyan (54%)

Magenta (50%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (54%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C76EA 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 6C76EA by changing the saturation by 10% instead.



 6C76EA

 6C76EA

FFFFFF

 4D5DCD

 A7AAFF

 2A46B1

 C5C5FF

 003096

 E3E1FF

 001C7C

FFFEFF

 000762

 000649

 000432

 00011C

 000000

■ 6C76EA

■ 6C76EA

■ 5560EA

■ 838CEA

■ 3D4BEA

■ 9BA1EA

■ 2635EA

■ B2B7EA

■ 0E20EA

■ CACCEA

■ 0013EA

■ E1E2EA

■ F8F7EA

■ FFFFEA

# Harmonies

## Analogous

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



008BF5



6C76EA



BD5AC3

# Triad

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



6C76EA



CD641E



009B76

# Complementary

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



6C76EA



EAE06C

# 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.



00963B



6C76EA



A37C00

# Square

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



6C76EA



E44A54



6C8D00



009BB1

# Rectangle

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



6C76EA



D949A0



6C8D00



009A62



# Sweetspot

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



6C76EA



D6D9FF



6CEADF



676980



000000



808080



# Same Dimension

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



6C76EA



5966FF



A16CEA



6A6B75



000EB5



000436



# Inverse Universe

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



EA6C76



FF5966



B6EA6C



756A6B



B5000E

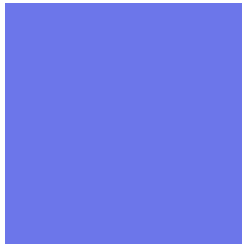


360004



# Previews

## White Background



This preview shows how the Hex color 6C76EA looks on a white background.

## Color Contrast Check

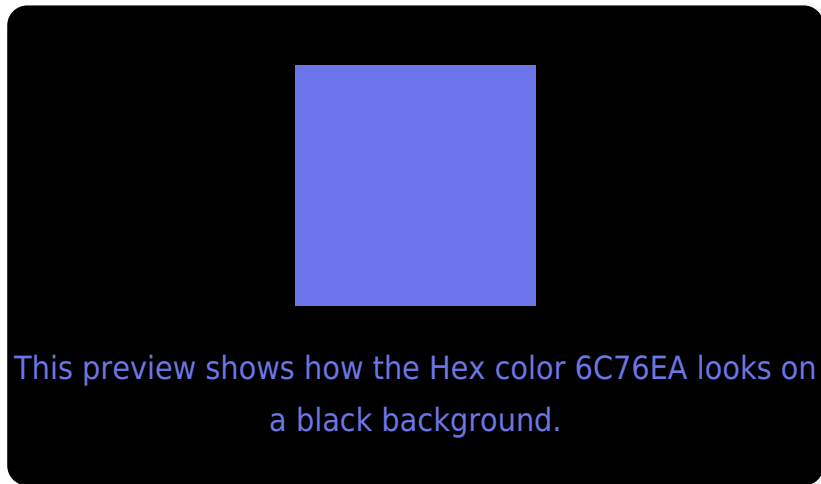
Large Text (above 18pt) WCAG AA ✓ Pass

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

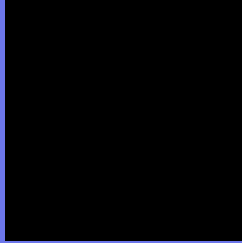
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C76EA Background



This preview shows how black text looks on a background with the Hex color 6C76EA.




This preview shows how white text looks on a background with the Hex color 6C76EA.

# 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](#).

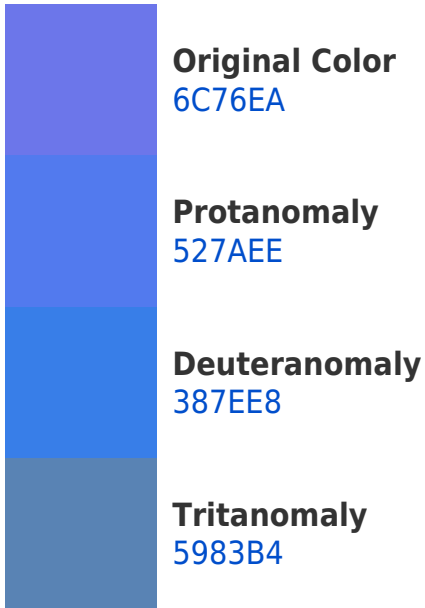
## Dichromacy



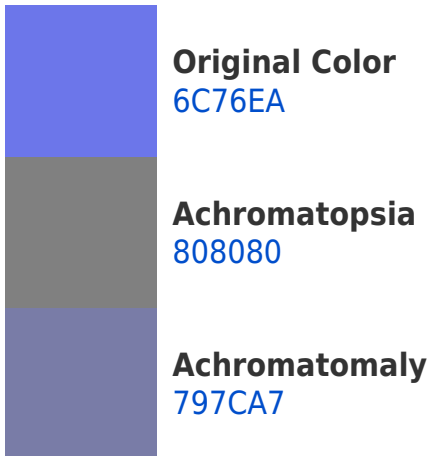


**Tritanopia**  
4E8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C76EA 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 #6C76EA looks like.

```
.text, #text, p{  
    color:#6C76EA  
}
```

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 #6C76EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C76EA
}
```

## Border

The CSS property to change the border of an element to Hex 6C76EA 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
#6C76EA }
```

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

```
.border{ border-color:#6C76EA }
```

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

Here you see how a box with a 4 pixel #6C76EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C76EA; -webkit-box-shadow:4px 4px  
4px 4px #6C76EA; box-shadow:4px 4px 4px  
4px #6C76EA }
```

# Background

The CSS property to change the background color of an element to Hex 6C76EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C76EA }
```

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

```
.background{ background-color:#6C76EA }
```

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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