

Converting Colors

Hex(6E84CA)

Have a look what the booklet for
Hex(6E84CA) contains.

Hex(6E84CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E84CA)

Conversions

Conversions Part 1

Format	Color
Hex	6E84CA
RGB	110, 132, 202
RGB Percent	43%, 52%, 79%
CMY	0.5686, 0.4824, 0.2078
CMYK	0.46, 0.35, 0.00, 0.21
HSL	226°, 46%, 61%
HSV	226°, 46%, 79%
XYZ	25.3423, 24.0818, 59.1897
YIQ	133.4020, -35.5820, 17.1060

Conversions

Conversions Part 2

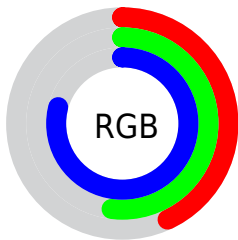
Format	Color
R _Y B	110, 128, 202
Decimal	7242954
CIE Lab	56.17, 10.74, -38.80
CIE LCh	56, 40.256, 285.472
Yxy	24.0818, 0.2333, 0.2217
Android (android.graphics.Color)	4285433034 (0xFF6E84CA)
YUV	133.4020, 33.8188, -20.5236
Hunter-Lab	49.0732, 6.3027, -37.1614

Details

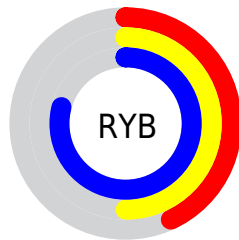
The Hex color **6E84CA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **CAB46E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A5B9FF**, and **375394** is the 20% darker color. If you saturate the color by 10%, you get **5A75CA**, and if you desaturate by 10%, it is **8293CA**.

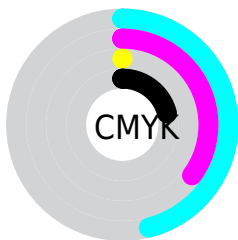
Distribution



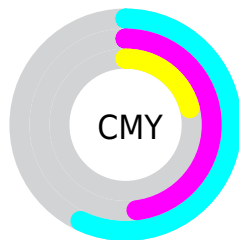
- Red (43%)
- Green (52%)
- Blue (79%)



- Red (43%)
- Yellow (50%)
- Blue (79%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E84CA 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 6E84CA by changing the saturation by 10% instead.

■ 6E84CA

■ 6E84CA

FFFFFF

■ 536BAE

■ A5B9FF

■ 375394

■ C2D4FF

■ 163C79

■ DFF1FF

■ 002760

■ FCFFFF

■ 001348

■ 000431

■ 00011B

■ 000000

■ 6E84CA

■ 6E84CA

■ 5A75CA

■ 8293CA

■ 4665CA

■ 96A3CA

■ 3156CA

■ ABB2CA

■ 1D47CA

■ BFC1CA

■ 0937CA

■ D3D1CA

■ 0030CA

■ E7E0CA

■ FBF0CA

■ FFFFCA

Harmonies

Analogous

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



118FCA



6E84CA



A177B8

Triad

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



6E84CA



C17256



2C9874

Complementary

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



6E84CA



CAB46E

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.



639354



6E84CA



AA7F42

Square

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



6E84CA



C96A76



8A8A41



009998

Rectangle

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



6E84CA



B76FA4



8A8A41



429668

Sweetspot

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



6E84CA



DBE4FF



6ECAB3



6A6F80



000000



808080

Same Dimension

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



6E84CA



7394FF



856ECA



5C5E66



0028A6



000926

Inverse Universe

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



CA6E84



FF7394



B3CA6E



665C5E



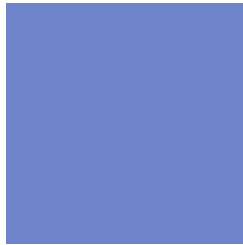
A60028



260009

Previews

White Background



This preview shows how the Hex color 6E84CA looks on a white background.

Color Contrast Check

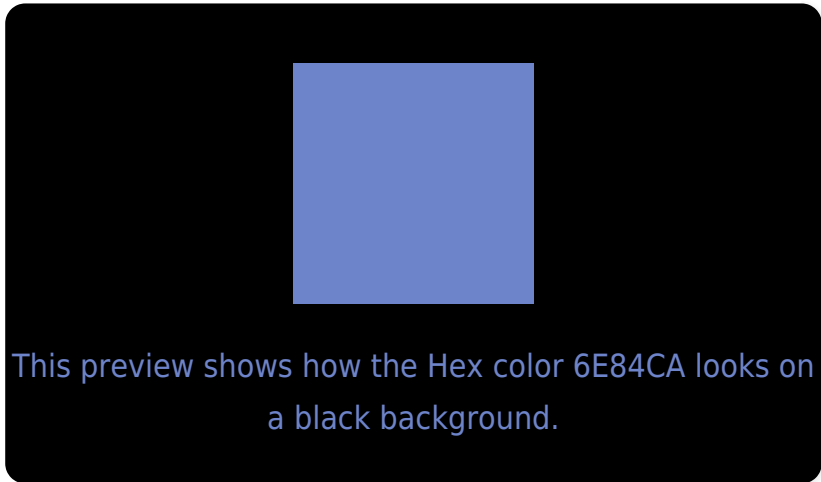
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E84CA Background



This preview shows how black text looks on a background with the Hex color 6E84CA.



This preview shows how white text looks on a background with the Hex color 6E84CA.

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

6E84CA

Protanopia

6E84CA

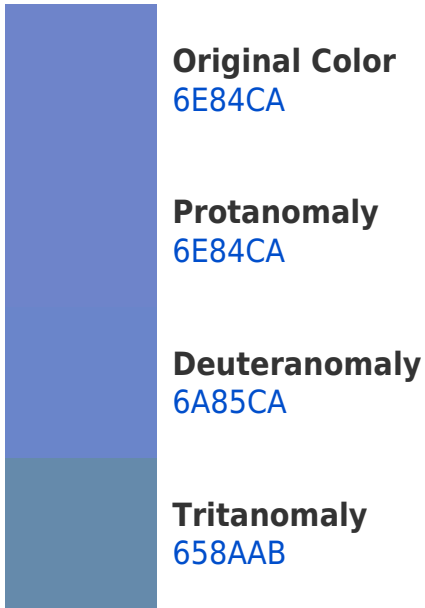
Deuteranopia

6786CA

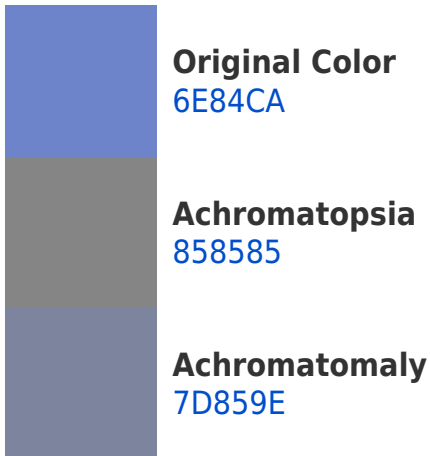


Tritanopia
608E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E84CA 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 #6E84CA looks like.

```
.text, #text, p{  
    color:#6E84CA  
}
```

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 #6E84CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E84CA
}
```

Border

The CSS property to change the border of an element to Hex 6E84CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

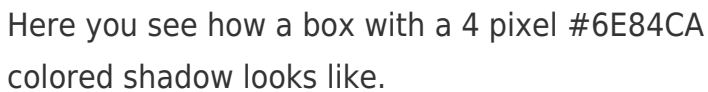
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E84CA }
```

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

```
.border{ border-color:#6E84CA }
```

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



Here you see how a box with a 4 pixel #6E84CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E84CA; -webkit-box-shadow:4px 4px  
4px 4px #6E84CA; box-shadow:4px 4px 4px  
4px #6E84CA }
```

Background

The CSS property to change the background color of an element to Hex 6E84CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E84CA }
```

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

```
.background{ background-color:#6E84CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor