

Converting Colors

Hex(6E82CF)

Have a look what the booklet for
Hex(6E82CF) contains.

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Color

Hex(6E82CF)

Conversions

Conversions Part 1

Format	Color
Hex	6E82CF
RGB	110, 130, 207
RGB Percent	43%, 51%, 81%
CMY	0.5686, 0.4902, 0.1882
CMYK	0.47, 0.37, 0.00, 0.19
HSL	228°, 50%, 62%
HSV	228°, 47%, 81%
XYZ	25.6755, 23.7853, 62.2693
YIQ	132.7980, -36.6370, 19.7070

Conversions

Conversions Part 2

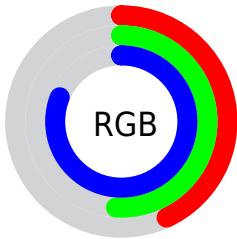
Format	Color
R_{YB}	110, 127, 207
Decimal	7242447
CIE _{Lab}	55.87, 13.43, -42.09
CIE _{LCh}	56, 44.182, 287.690
Yxy	23.7853, 0.2298, 0.2129
Android (android.graphics.Color)	4285432527 (0xFF6E82CF)
YUV	132.7980, 36.5816, -19.9938
Hunter-Lab	48.7701, 8.6254, -41.5618

Details

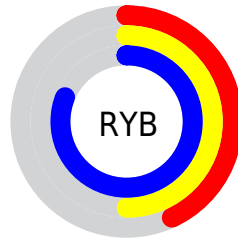
The Hex color **6E82CF** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CFBB6E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6B7FF**, and **355198** is the 20% darker color. If you saturate the color by 10%, you get **5972CF**, and if you desaturate by 10%, it is **8392CF**.

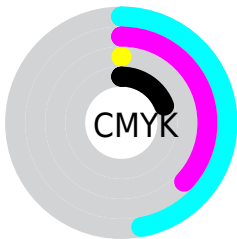
Distribution



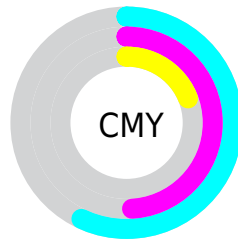
- Red (43%)
- Green (51%)
- Blue (81%)



- Red (43%)
- Yellow (50%)
- Blue (81%)



- Cyan (47%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)



- Cyan (57%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E82CF 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 6E82CF by changing the saturation by 10% instead.

■ 6E82CF

■ 6E82CF

FFFFFF

■ 5269B3

■ A6B7FF

■ 355198

■ C2D2FF

■ 123A7E

■ DFEEFF

■ 002564

FDFFFF

■ 00124C

■ 000535

■ 00021F

■ 000001

■ 000000

 6E82CF

 6E82CF

 5972CF

 8392CF

 4561CF

 97A3CF

 3051CF

 ACB3CF

 1B40CF

 C1C4CF

 0730CF

 D5D4CF

 002BCF

 EAE5CF

 FFF5CF

 FFFF CF

Harmonies

Analogous

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



008FD0



6E82CF



A573BA

Triad

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



6E82CF



C3704F



009874

Complementary

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



6E82CF



CFBB6E

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.



5A9450



6E82CF



AA7E39

Square

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



6E82CF



CE6671



868B39



00999C

Rectangle

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



6E82CF



BD6AA4



868B39



309767

Sweetspot

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



6E82CF



DBE3FF



6ECFBA



6A6E80



000000



808080

Same Dimension

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



6E82CF



708EFF



896ECF



5E6069



0023A8



000829

Inverse Universe

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



CF6E82



FF708E



B4CF6E



695E60



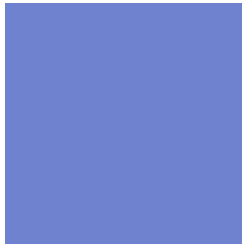
A80023



290008

Previews

White Background



This preview shows how the Hex color 6E82CF looks on a white background.

Color Contrast Check

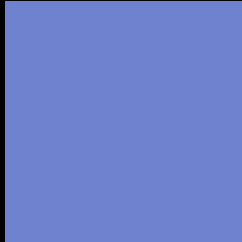
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E82CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

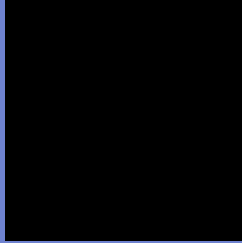
Any Text WCAG AA ✓ Pass

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 6E82CF Background



This preview shows how black text looks on a background with the Hex color 6E82CF.



This preview shows how white text looks on a background with the Hex color 6E82CF.

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
6E82CF

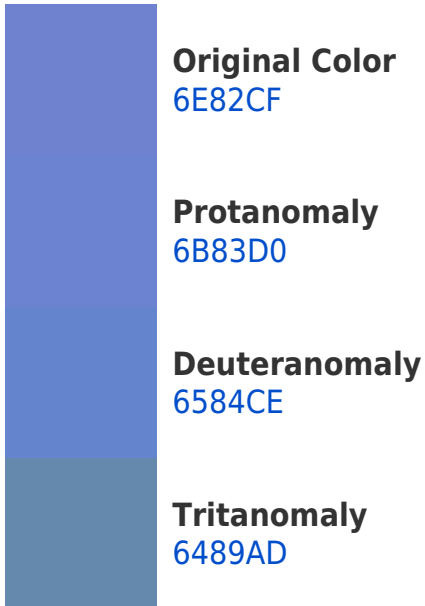
Protanopia
6983D0

Deuteranopia
6085CE

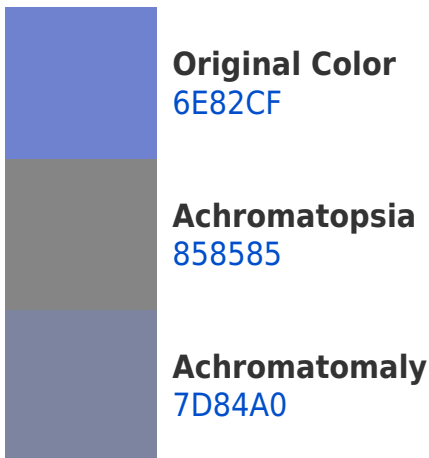


Tritanopia
5E8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E82CF 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 #6E82CF looks like.

```
.text, #text, p{  
    color:#6E82CF  
}
```

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 #6E82CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E82CF
}
```

Border

The CSS property to change the border of an element to Hex 6E82CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

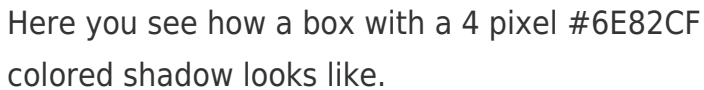
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E82CF }
```

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

```
.border{ border-color:#6E82CF }
```

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



Here you see how a box with a 4 pixel #6E82CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E82CF; -webkit-box-shadow:4px 4px  
4px 4px #6E82CF; box-shadow:4px 4px 4px  
4px #6E82CF }
```

Background

The CSS property to change the background color of an element to Hex 6E82CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E82CF }
```

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

```
.background{ background-color:#6E82CF }
```

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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