

Converting Colors

Hex(6A80CE)

Have a look what the booklet for
Hex(6A80CE) contains.

Hex(6A80CE)	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(6A80CE)

Conversions

Conversions Part 1

Format	Color
Hex	6A80CE
RGB	106, 128, 206
RGB Percent	42%, 50%, 81%
CMY	0.5843, 0.4980, 0.1922
CMYK	0.49, 0.38, 0.00, 0.19
HSL	227°, 51%, 61%
HSV	227°, 49%, 81%
XYZ	24.8036, 22.9587, 61.5167
YIQ	130.3140, -38.1500, 19.5940

Conversions

Conversions Part 2

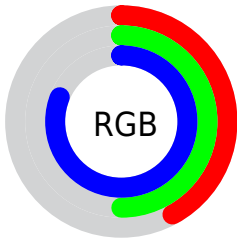
Format	Color
R_{YB}	106, 124, 206
Decimal	6979790
CIE _{Lab}	55.03, 13.36, -42.87
CIE _{LCh}	55, 44.905, 287.302
Yxy	22.9587, 0.2270, 0.2101
Android (android.graphics.Color)	4285169870 (0xFF6A80CE)
YUV	130.3140, 37.3132, -21.3234
Hunter-Lab	47.9153, 8.5497, -42.5796

Details

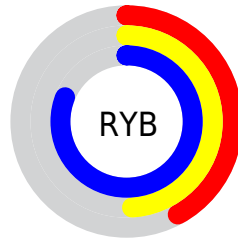
The Hex color **6A80CE** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CEB86A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A2B5FF**, and **304F97** is the 20% darker color. If you saturate the color by 10%, you get **5570CE**, and if you desaturate by 10%, it is **7F90CE**.

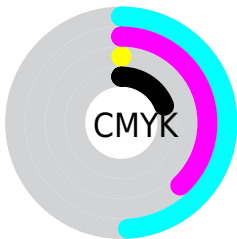
Distribution



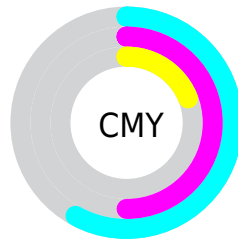
- Red (42%)
- Green (50%)
- Blue (81%)



- Red (42%)
- Yellow (49%)
- Blue (81%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A80CE 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 6A80CE by changing the saturation by 10% instead.

■ 6A80CE

■ 6A80CE

FFFFFF

■ 4E67B2

■ A2B5FF

■ 304F97

■ BFD0FF

■ 07397D

■ DCECFF

■ 002464

■ F9FFFF

■ 000F4B

■ 000434

■ 00021E

■ 000000

■ 6A80CE

■ 6A80CE

■ 5570CE

■ 7F90CE

■ 4160CE

■ 93A0CE

■ 2C50CE

■ A8B0CE

■ 1840CE

■ BCC0CE

■ 0330CE

■ D1D0CE

■ 002DCE

■ E6E0CE

■ FAF0CE

■ FFFFCE

Harmonies

Analogous

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



008DCF



6A80CE



A370B9

Triad

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



6A80CE



C26D4C



009671

Complementary

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



6A80CE



CEB86A

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.



58914D



6A80CE



A87C36

Square

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



6A80CE



CC636F



848936



00979A

Rectangle

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



6A80CE



BB67A3



848936



2C9564

Sweetspot

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



6A80CE



D9E1FF



6ACEB7



696E80



000000



808080

Same Dimension

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



6A80CE



6B8CFF



856ACE



5C5E66



0024A6



000826

Inverse Universe

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



CE6A80



FF6B8C



B3CE6A



665C5E



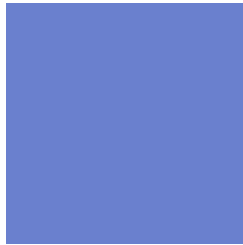
A60024



260008

Previews

White Background



This preview shows how the Hex color 6A80CE looks on a white background.

Color Contrast Check

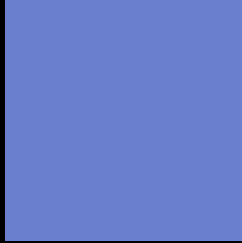
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A80CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

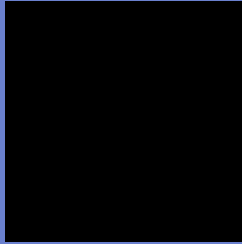
Any Text WCAG AA ✓ Pass

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 6A80CE Background



This preview shows how black text looks on a background with the Hex color 6A80CE.

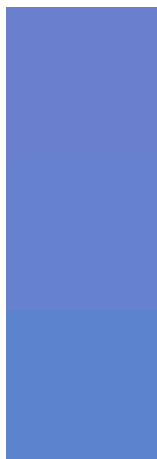


This preview shows how white text looks on a background with the Hex color 6A80CE.

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
6A80CE

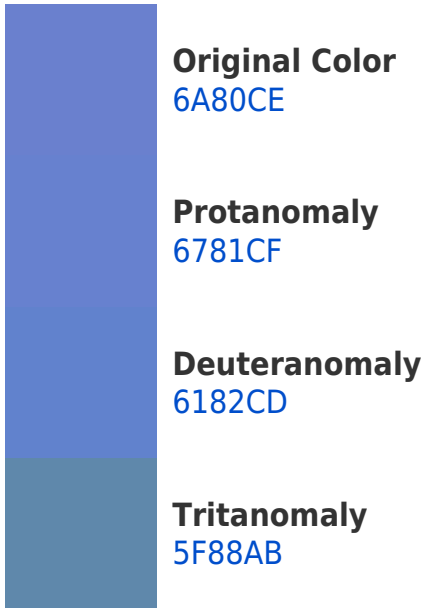
Protanopia
6681CF

Deuteranopia
5C83CD

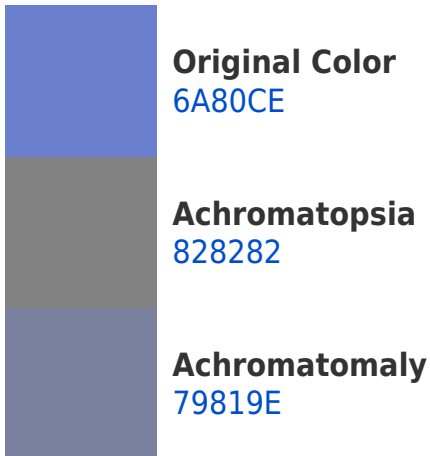


Tritanopia
598C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A80CE 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 #6A80CE looks like.

```
.text, #text, p{  
    color:#6A80CE  
}
```

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 #6A80CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A80CE
}
```

Border

The CSS property to change the border of an element to Hex 6A80CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

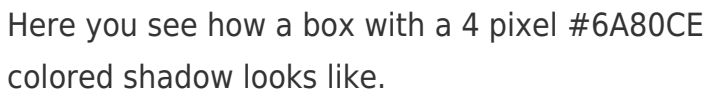
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A80CE }
```

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

```
.border{ border-color:#6A80CE }
```

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



Here you see how a box with a 4 pixel #6A80CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A80CE; -webkit-box-shadow:4px 4px  
4px 4px #6A80CE; box-shadow:4px 4px 4px  
4px #6A80CE }
```

Background

The CSS property to change the background color of an element to Hex 6A80CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A80CE }
```

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

```
.background{ background-color:#6A80CE }
```

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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