

Converting Colors

Hex(6B80AE)

Have a look what the booklet for
Hex(6B80AE) contains.

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Color

Hex(6B80AE)

Conversions

Conversions Part 1

Format	Color
Hex	6B80AE
RGB	107, 128, 174
RGB Percent	42%, 50%, 68%
CMY	0.5804, 0.4980, 0.3176
CMYK	0.39, 0.26, 0.00, 0.32
HSL	221°, 29%, 55%
HSV	221°, 39%, 68%
XYZ	21.4226, 21.6201, 43.0884
YIQ	126.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

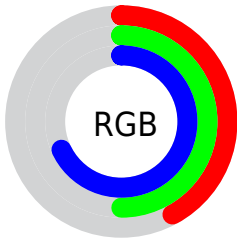
Format	Color
RYB	107, 123, 174
Decimal	7045294
CIELab	53.62, 4.19, -26.80
CIElCh	54, 27.124, 278.891
Yxy	21.6201, 0.2487, 0.2510
Android (android.graphics.Color)	4285235374 (0xFF6B80AE)
YUV	126.9650, 23.1883, -17.5093
Hunter-Lab	46.4975, 0.8689, -22.3948

Details

The Hex color **6B80AE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE996B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A0B5E6**, and **384F79** is the 20% darker color. If you saturate the color by 10%, you get **5A74AE**, and if you desaturate by 10%, it is **7C8CAE**.

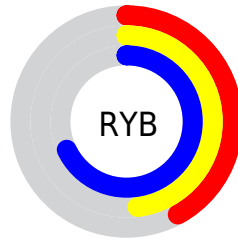
Distribution



Red (42%)

Green (50%)

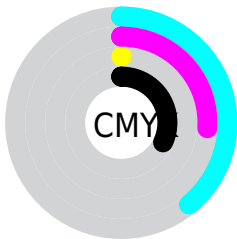
Blue (68%)



Red (42%)

Yellow (48%)

Blue (68%)

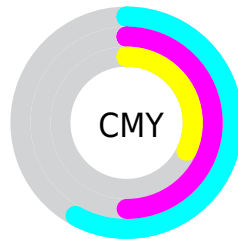


Cyan (39%)

Magenta (26%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (50%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B80AE 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 6B80AE by changing the saturation by 10% instead.

■ 6B80AE

■ 6B80AE

FFFFFF

■ 516793

■ A0B5E6

■ 384F79

■ BCD0FF

■ 1D3860

■ D8ECFF

■ 002348

■ F5FFFF

■ 000D32

■ 00021C

■ 000000

■ 6B80AE

■ 6B80AE

■ 5A74AE

■ 7C8CAE

■ 4868AE

■ 8E98AE

■ 375CAE

■ 9FA4AE

■ 2550AE

■ B1B0AE

■ 1444AE

■ C2BCAE

■ 0338AE

■ D3C8AE

■ 0037AE

■ E5D4AE

■ F6E0AE

■ FFEC AE

Harmonies

Analogous

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



4787AB



6B80AE



8C78A5

Triad

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



6B80AE



AC7264



548C6F

Complementary

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



6B80AE



AE996B

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.



70875B



6B80AE



9E7955

Square

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



6B80AE



AE6E7A



898152



398D87

Rectangle

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



6B80AE



9D7399



898152



5D8A67

Sweetspot

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



6B80AE



C8D0E3



6BAE99



636873



F2F2F2



737373

Same Dimension

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



6B80AE



7B9BE3



776BAE



4E5157



002F96



000717

Inverse Universe

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



AE6B80



E37B9B



A2AE6B



574E51



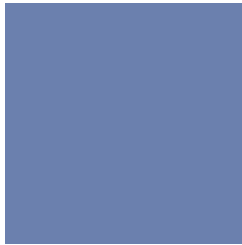
96002F



170007

Previews

White Background



This preview shows how the Hex color 6B80AE looks on a white background.

Color Contrast Check

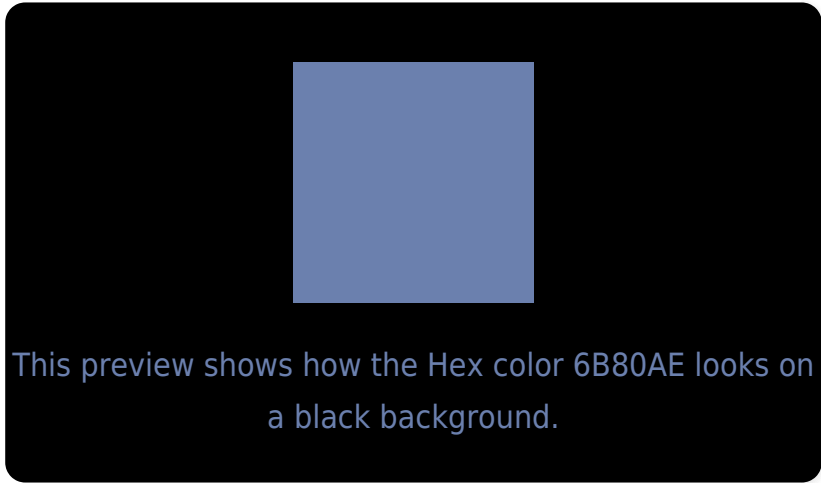
Large Text (above 18pt) WCAG AA ✓ Pass

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

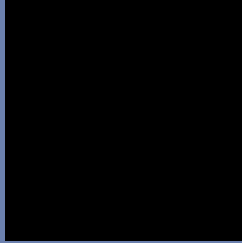
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

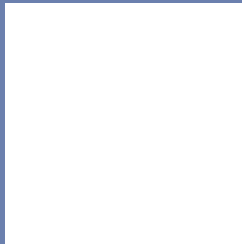
Any Text WCAG AAA × Fail

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

Hex 6B80AE Background



This preview shows how black text looks on a background with the Hex color 6B80AE.



This preview shows how white text looks on a background with the Hex color 6B80AE.

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
6B80AE

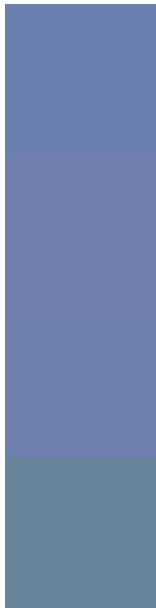
Protanopia
737EAD

Deuteranopia
727EAE



Tritanopia
648690

Trichromacy



Original Color
6B80AE

Protanomaly
707FAD

Deuteranomaly
6F7FAE

Tritanomaly
67849B

Monochromacy



Original Color
6B80AE

Achromatopsia
7F7F7F

Achromatomaly
787F90

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B80AE 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 #6B80AE looks like.

```
.text, #text, p{  
    color:#6B80AE  
}
```

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 #6B80AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B80AE
}
```

Border

The CSS property to change the border of an element to Hex 6B80AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

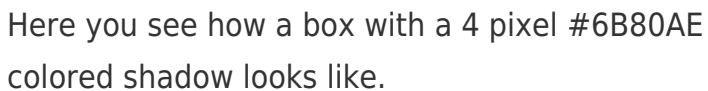
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B80AE }
```

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

```
.border{ border-color:#6B80AE }
```

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



Here you see how a box with a 4 pixel #6B80AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B80AE; -webkit-box-shadow:4px 4px  
4px 4px #6B80AE; box-shadow:4px 4px 4px  
4px #6B80AE }
```

Background

The CSS property to change the background color of an element to Hex 6B80AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B80AE }
```

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

```
.background{ background-color:#6B80AE }
```

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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