

Converting Colors

Hex(6E80BA)

Have a look what the booklet for
Hex(6E80BA) contains.

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Color

Hex(6E80BA)

Conversions

Conversions Part 1

Format	Color
Hex	6E80BA
RGB	110, 128, 186
RGB Percent	43%, 50%, 73%
CMY	0.5686, 0.4980, 0.2706
CMYK	0.41, 0.31, 0.00, 0.27
HSL	226°, 36%, 58%
HSV	226°, 41%, 73%
XYZ	23.0125, 22.2985, 49.5455
YIQ	129.2300, -29.3460, 14.2220

Conversions

Conversions Part 2

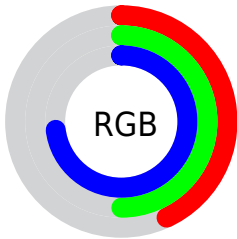
Format	Color
R_{YB}	110, 125, 186
Decimal	7241914
CIE _{Lab}	54.34, 8.43, -32.55
CIE _{LCh}	54, 33.627, 284.527
Yxy	22.2985, 0.2426, 0.2351
Android (android.graphics.Color)	4285431994 (0xFF6E80BA)
YUV	129.2300, 27.9876, -16.8647
Hunter-Lab	47.2213, 4.3517, -29.1533

Details

The Hex color **6E80BA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BAA86E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A4B5F2**, and **394F85** is the 20% darker color. If you saturate the color by 10%, you get **5B72BA**, and if you desaturate by 10%, it is **818EBA**.

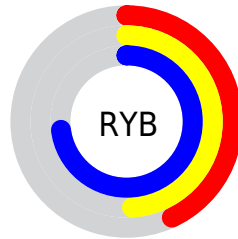
Distribution



Red (43%)

Green (50%)

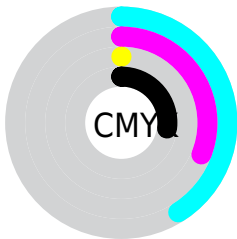
Blue (73%)



Red (43%)

Yellow (49%)

Blue (73%)

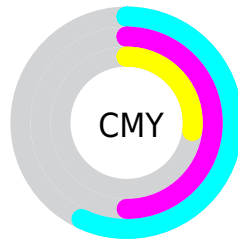


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E80BA 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 6E80BA by changing the saturation by 10% instead.

■ 6E80BA

■ 6E80BA

FFFFFF

■ 54679F

■ A4B5F2

■ 394F85

■ C0D0FF

■ 1D396B

■ DDECFF

■ 002352

■ FAFFFF

■ 000E3B

■ 000225

■ 00010D

■ 000000

■ 6E80BA

■ 6E80BA

■ 5B72BA

■ 818EBA

■ 4964BA

■ 939CBA

■ 3655BA

■ A6ABBA

■ 2447BA

■ B8B9BA

■ 1139BA

■ CBC7BA

■ 002CBA

■ DED5BA

■ F0E3BA

■ FFF2BA

■ FFFFBA

Harmonies

Analogous

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



3789B9



6E80BA



9775AC

Triad

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



6E80BA



B4715B



3F9072

Complementary

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



6E80BA



BAA86E

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.



668C57



6E80BA



A27B4A

Square

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



6E80BA



BA6B75



878549



009190

Rectangle

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



6E80BA



AA6F9B



878549



4D8F68

Sweetspot

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



6E80BA



D5DCF2



6EBAA7



696D7A



FAFAFA



7A7A7A

Same Dimension

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



6E80BA



7C98F2



816EBA



53555C



00259C



00071C

Inverse Universe

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



BA6E80



F27C98



A7BA6E



5C5355



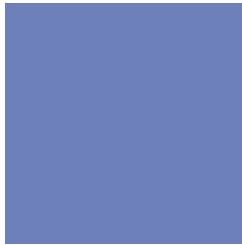
9C0025



1C0007

Previews

White Background



This preview shows how the Hex color 6E80BA looks on a white background.

Color Contrast Check

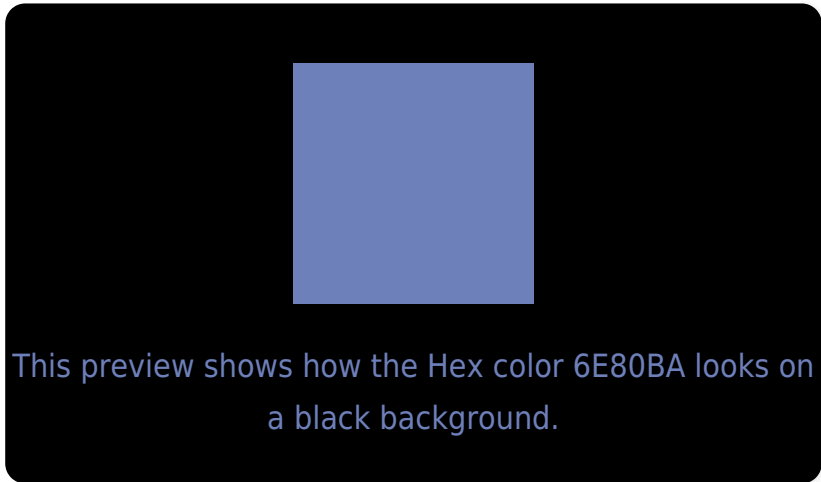
Large Text (above 18pt) WCAG AA ✓ Pass

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

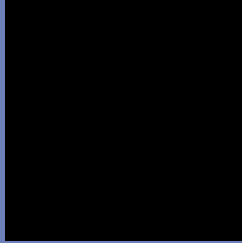
Any Text WCAG AA ✓ Pass

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 6E80BA Background



This preview shows how black text looks on a background with the Hex color 6E80BA.



This preview shows how white text looks on a background with the Hex color 6E80BA.

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

6E80BA

Protanopia

6F80BA

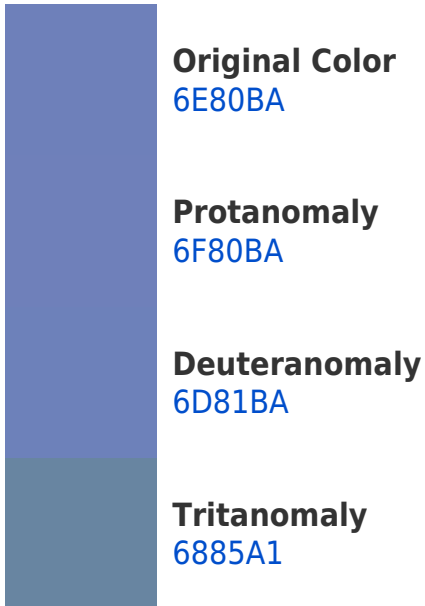
Deuteranopia

6C81BA

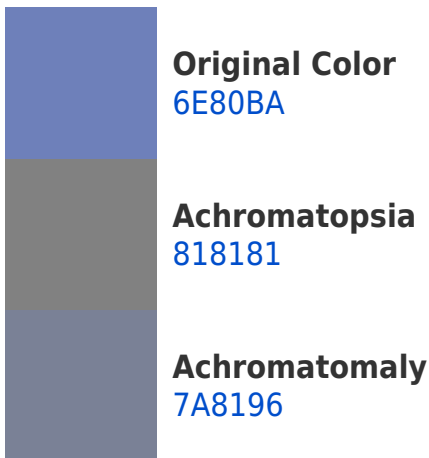


Tritanopia
648893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E80BA 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 #6E80BA looks like.

```
.text, #text, p{  
    color:#6E80BA  
}
```

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 #6E80BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E80BA
}
```

Border

The CSS property to change the border of an element to Hex 6E80BA 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
#6E80BA }
```

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

```
.border{ border-color:#6E80BA }
```

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

Here you see how a box with a 4 pixel #6E80BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E80BA; -webkit-box-shadow:4px 4px  
4px 4px #6E80BA; box-shadow:4px 4px 4px  
4px #6E80BA }
```

Background

The CSS property to change the background color of an element to Hex 6E80BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E80BA }
```

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

```
.background{ background-color:#6E80BA }
```

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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