

Converting Colors

Hex(6E7CA6)

Have a look what the booklet for
Hex(6E7CA6) contains.

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Color

Hex(6E7CA6)

Conversions

Conversions Part 1

Format	Color
Hex	6E7CA6
RGB	110, 124, 166
RGB Percent	43%, 49%, 65%
CMY	0.5686, 0.5137, 0.3490
CMYK	0.34, 0.25, 0.00, 0.35
HSL	225°, 24%, 54%
HSV	225°, 34%, 65%
XYZ	20.5210, 20.4835, 38.9485
YIQ	124.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

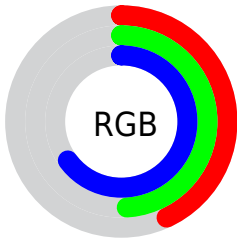
Format	Color
RYB	110, 121, 166
Decimal	7240870
CIELab	52.38, 5.22, -24.08
CIELCh	52, 24.636, 282.224
Yxy	20.4835, 0.2567, 0.2562
Android (android.graphics.Color)	4285430950 (0xFF6E7CA6)
YUV	124.6020, 20.4092, -12.8060
Hunter-Lab	45.2587, 1.7320, -19.3425

Details

The Hex color **6E7CA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6986E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A3B0DD**, and **3C4B72** is the 20% darker color. If you saturate the color by 10%, you get **5D70A6**, and if you desaturate by 10%, it is **7F88A6**.

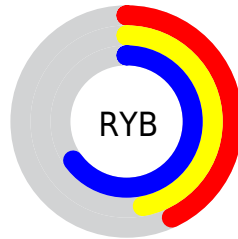
Distribution



Red (43%)

Green (49%)

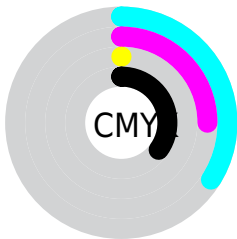
Blue (65%)



Red (43%)

Yellow (47%)

Blue (65%)

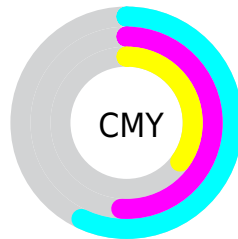


Cyan (34%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7CA6 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 6E7CA6 by changing the saturation by 10% instead.

■ 6E7CA6

■ 6E7CA6

FFFFFF

■ 55638C

■ A3B0DD

■ 3C4B72

■ BFCCFA

■ 233559

■ DBE8FF

■ 072042

■ F8FFFF

■ 00072B

■ 000116

■ 000000

■ 6E7CA6

■ 6E7CA6

■ 5D70A6

■ 7F88A6

■ 4D63A6

■ 8F95A6

■ 3C57A6

■ A0A1A6

■ 2C4AA6

■ B0AEA6

■ 1B3EA6

■ C1BAA6

■ 0A31A6

■ D2C7A6

■ 0029A6

■ E2D3A6

■ F3E0A6

■ FFECA6

Harmonies

Analogous

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



4F83A5



6E7CA6



8B749C

Triad

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



6E7CA6



A47162



53886F

Complementary

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



6E7CA6



A6986E

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.



6B845D



6E7CA6



977755

Square

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



6E7CA6



A76D75



837E53



3D8985

Rectangle

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



6E7CA6



997091



837E53



5B8769

Sweetspot

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



6E7CA6



C3C8D9



6EA698



60646E



EDEDED



6E6E6E

Same Dimension

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



6E7CA6



8298D9



7C6EA6



4C4E54



002594



000514

Inverse Universe

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



A66E7C



D98298



98A66E



544C4E



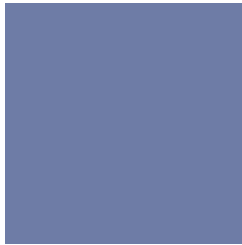
940025



140005

Previews

White Background



This preview shows how the Hex color 6E7CA6 looks on a white background.

Color Contrast Check

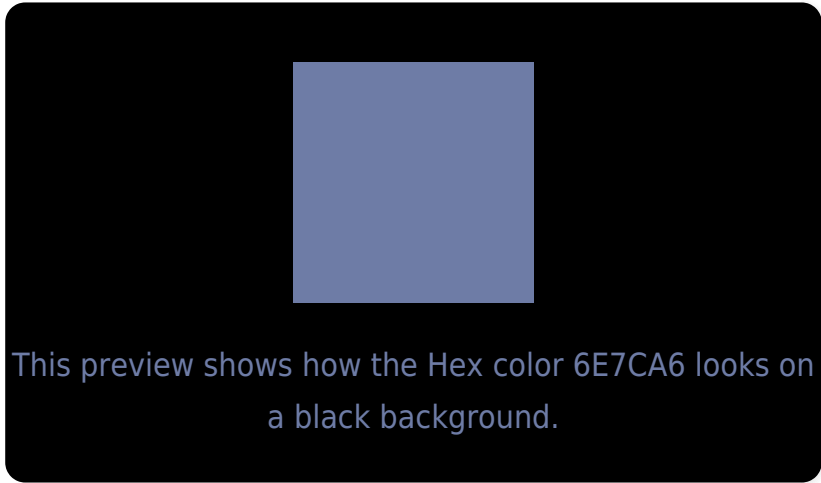
Large Text (above 18pt) WCAG AA ✓ Pass

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

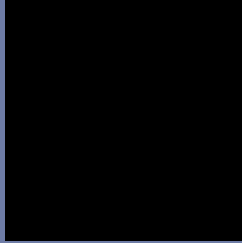
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

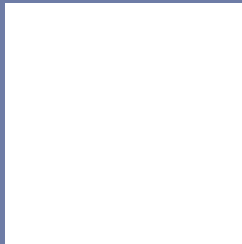
Any Text WCAG AAA × Fail

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

Hex 6E7CA6 Background



This preview shows how black text looks on a background with the Hex color 6E7CA6.



This preview shows how white text looks on a background with the Hex color 6E7CA6.

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
6E7CA6

Protanopia
717BA5

Deuteranopia
727BA6



Tritanopia
68818B

Trichromacy



Original Color
6E7CA6

Protanomaly
707BA5

Deuteranomaly
717BA6

Tritanomaly
6A7F95

Monochromacy



Original Color
6E7CA6

Achromatopsia
7D7D7D

Achromatomaly
787D8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7CA6 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 #6E7CA6 looks like.

```
.text, #text, p{  
    color:#6E7CA6  
}
```

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 #6E7CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7CA6
}
```

Border

The CSS property to change the border of an element to Hex 6E7CA6 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".

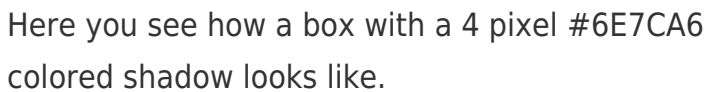
```
.border, #border, table{ border:4px solid
#6E7CA6 }
```

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

```
.border{ border-color:#6E7CA6 }
```

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

Here you see how a box with a 4 pixel #6E7CA6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7CA6; -webkit-box-shadow:4px 4px  
4px 4px #6E7CA6; box-shadow:4px 4px 4px  
4px #6E7CA6 }
```

Background

The CSS property to change the background color of an element to Hex 6E7CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7CA6 }
```

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

```
.background{ background-color:#6E7CA6 }
```

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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