

Converting Colors

Hex(6E84B6)

Have a look what the booklet for
Hex(6E84B6) contains.

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Color

Hex(6E84B6)

Conversions

Conversions Part 1

Format	Color
Hex	6E84B6
RGB	110, 132, 182
RGB Percent	43%, 52%, 71%
CMY	0.5686, 0.4824, 0.2863
CMYK	0.40, 0.27, 0.00, 0.29
HSL	222°, 33%, 57%
HSV	222°, 40%, 71%
XYZ	23.1252, 23.1949, 47.5142
YIQ	131.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

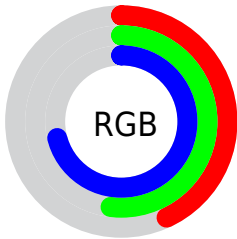
Format	Color
R_{YB}	110, 127, 182
Decimal	7242934
CIE _{Lab}	55.27, 4.93, -28.82
CIE _{LCh}	55, 29.235, 279.714
Yxy	23.1949, 0.2464, 0.2472
Android (android.graphics.Color)	4285433014 (0xFF6E84B6)
YUV	131.1220, 25.0829, -18.5240
Hunter-Lab	48.1611, 1.4271, -24.7808

Details

The Hex color **6E84B6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B6A06E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A4B9EE**, and **3A5381** is the 20% darker color. If you saturate the color by 10%, you get **5C77B6**, and if you desaturate by 10%, it is **8091B6**.

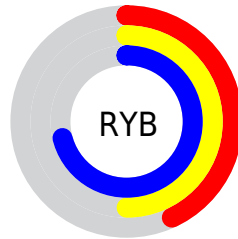
Distribution



Red (43%)

Green (52%)

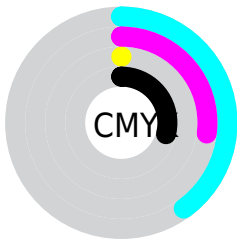
Blue (71%)



Red (43%)

Yellow (50%)

Blue (71%)

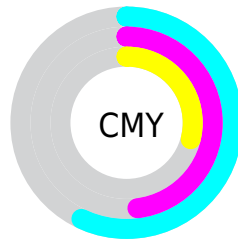


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E84B6 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 6E84B6 by changing the saturation by 10% instead.



6E84B6



6E84B6

FFFFFF



546B9B



A4B9EE



3A5381



C0D5FF



1F3C68



DCF1FF



00274F



F9FFFF



001238



000222



000008



000000



6E84B6



6E84B6

■ 5C77B6

■ 8091B6

■ 4A6BB6

■ 929DB6

■ 375EB6

■ A5AAB6

■ 2551B6

■ B7B7B6

■ 1345B6

■ C9C3B6

■ 0138B6

■ DBD0B6

■ 0038B6

■ EDDCB6

■ FFE9B6

■ FFF6B6

Harmonies

Analogous

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



458CB3



6E84B6



927BAB

Triad

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



6E84B6



B37565



539172

Complementary

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



6E84B6



B6A06E

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.



718C5D



6E84B6



A47D55

Square

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



6E84B6



B6717D



8D8552



33928C

Rectangle

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



6E84B6



A4759E



8D8552



5D906A

Sweetspot

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



6E84B6



D1D9ED



6EB69F



676C78



F7F7F7



787878

Same Dimension

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



6E84B6



7EA0ED



7B6EB6



53555C



00309C



00091C

Inverse Universe

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



B66E84



ED7EA0



A9B66E



5C5355



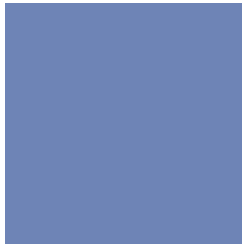
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 6E84B6 looks on a white background.

Color Contrast Check

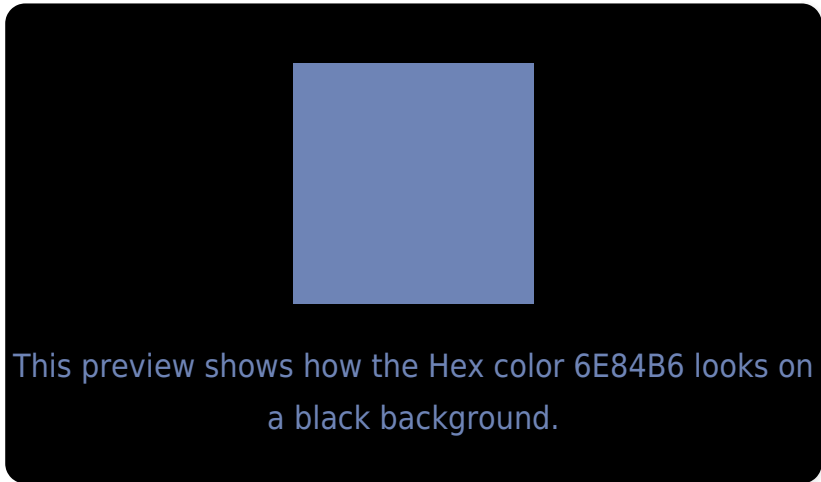
Large Text (above 18pt) WCAG AA ✓ Pass

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

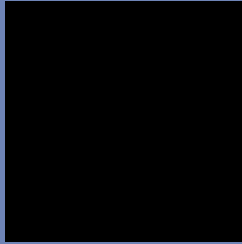
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

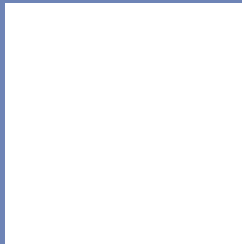
Any Text WCAG AAA × Fail

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

Hex 6E84B6 Background



This preview shows how black text looks on a background with the Hex color 6E84B6.

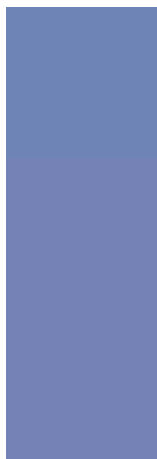


This preview shows how white text looks on a background with the Hex color 6E84B6.

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
6E84B6

Protanopia
7582B5

Deuteranopia
7482B6



Tritanopia
668A95

Trichromacy



Original Color
6E84B6

Protanomaly
7283B5

Deuteranomaly
7283B6

Tritanomaly
6988A1

Monochromacy



Original Color
6E84B6

Achromatopsia
838383

Achromatomaly
7B8396

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E84B6 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 #6E84B6 looks like.

```
.text, #text, p{  
    color:#6E84B6  
}
```

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 #6E84B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E84B6
}
```

Border

The CSS property to change the border of an element to Hex 6E84B6 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
#6E84B6 }
```

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

```
.border{ border-color:#6E84B6 }
```

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

Here you see how a box with a 4 pixel #6E84B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E84B6; -webkit-box-shadow:4px 4px  
4px 4px #6E84B6; box-shadow:4px 4px 4px  
4px #6E84B6 }
```

Background

The CSS property to change the background color of an element to Hex 6E84B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E84B6 }
```

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

```
.background{ background-color:#6E84B6 }
```

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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