

Converting Colors

Hex(6E86B0)

Have a look what the booklet for
Hex(6E86B0) contains.

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Color

Hex(6E86B0)

Conversions

Conversions Part 1

Format	Color
Hex	6E86B0
RGB	110, 134, 176
RGB Percent	43%, 53%, 69%
CMY	0.5686, 0.4745, 0.3098
CMYK	0.37, 0.24, 0.00, 0.31
HSL	218°, 29%, 56%
HSV	218°, 37%, 69%
XYZ	22.7920, 23.4998, 44.4089
YIQ	131.6120, -27.7860, 7.9740

Conversions

Conversions Part 2

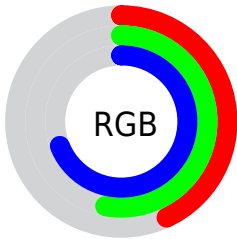
Format	Color
RYB	110, 128, 176
Decimal	7243440
CIELab	55.58, 2.09, -24.90
CIELCh	56, 24.988, 274.789
Yxy	23.4998, 0.2513, 0.2591
Android (android.graphics.Color)	4285433520 (0xFF6E86B0)
YUV	131.6120, 21.8833, -18.9537
Hunter-Lab	48.4766, -0.9096, -20.3814

Details

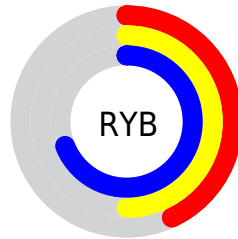
The Hex color **6E86B0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B0986E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A4BBE8**, and **3B557B** is the 20% darker color. If you saturate the color by 10%, you get **5C7BB0**, and if you desaturate by 10%, it is **8091B0**.

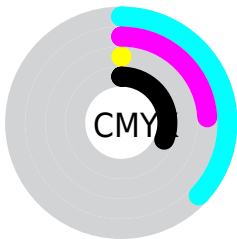
Distribution



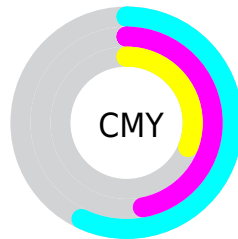
- Red (43%)
- Green (53%)
- Blue (69%)



- Red (43%)
- Yellow (50%)
- Blue (69%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E86B0 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 6E86B0 by changing the saturation by 10% instead.

■ 6E86B0

■ 6E86B0

FFFFFF

■ 546D95

■ A4BBE8

■ 3B557B

■ BFD7FF

■ 213E62

■ DCF3FF

■ 00284A

■ F9FFFF

■ 001433

■ 00021E

■ 000000

■ 6E86B0

■ 6E86B0

■ 5C7BB0

■ 8091B0

■ 4B70B0

■ 919CB0

■ 3964B0

■ A3A8B0

■ 2859B0

■ B4B3B0

■ 164EB0

■ C6BEB0

■ 0443B0

■ D8C9B0

■ 0040B0

■ E9D4B0

■ FBE0B0

■ FFEBB0

Harmonies

Analogous

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



4F8CAC



6E86B0



8D7EA9

Triad

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



6E86B0



AF776D



608F72

Complementary

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



6E86B0



B0986E

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.



798B61



6E86B0



A47E5F

Square

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



6E86B0



AF7582



91855A



499188

Rectangle

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



6E86B0



9D7A9E



91855A



698E6C

Sweetspot

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



6E86B0



CCD5E6



6EB098



646973



F2F2F2



737373

Same Dimension

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



6E86B0



7EA4E6



776EB0



505459



003899



00091A

Inverse Universe

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



B06E86



E67EA4



A7B06E



595054



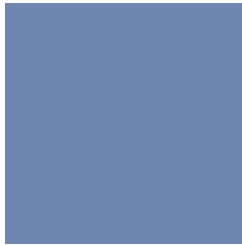
990038



1A0009

Previews

White Background



This preview shows how the Hex color 6E86B0 looks on a white background.

Color Contrast Check

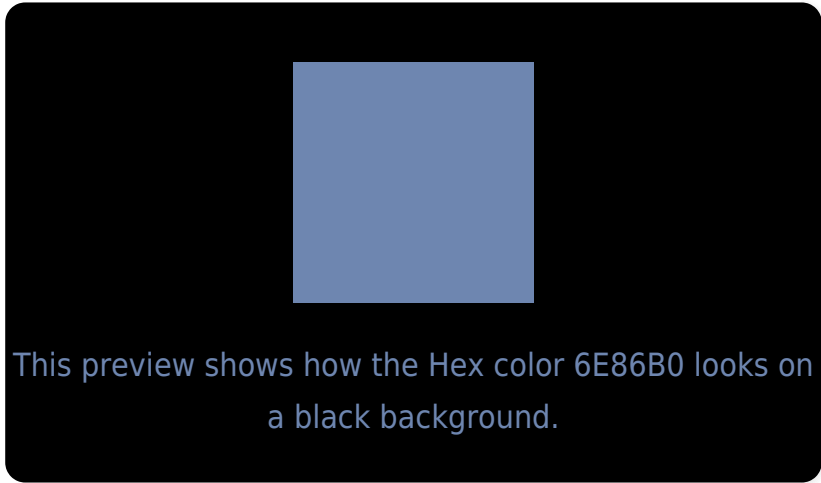
Large Text (above 18pt) WCAG AA ✓ Pass

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

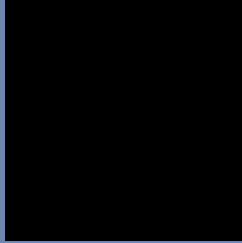
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

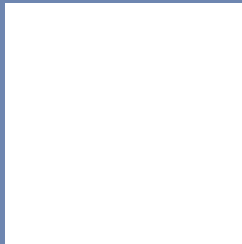
Any Text WCAG AAA × Fail

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

Hex 6E86B0 Background



This preview shows how black text looks on a background with the Hex color 6E86B0.

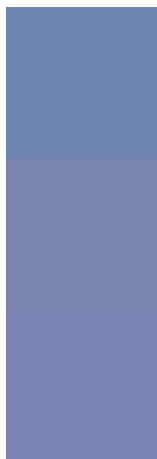


This preview shows how white text looks on a background with the Hex color 6E86B0.

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
6E86B0

Protanopia
7983AE

Deuteranopia
7A83B1



Tritanopia
688B96

Trichromacy



Original Color
6E86B0

Protanomaly
7584AF

Deuteranomaly
7684B1

Tritanomaly
6A899F

Monochromacy



Original Color
6E86B0

Achromatopsia
848484

Achromatomaly
7C8594

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E86B0 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 #6E86B0 looks like.

```
.text, #text, p{  
    color:#6E86B0  
}
```

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 #6E86B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E86B0
}
```

Border

The CSS property to change the border of an element to Hex 6E86B0 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
#6E86B0 }
```

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

```
.border{ border-color:#6E86B0 }
```

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

Here you see how a box with a 4 pixel #6E86B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E86B0; -webkit-box-shadow:4px 4px  
4px 4px #6E86B0; box-shadow:4px 4px 4px  
4px #6E86B0 }
```

Background

The CSS property to change the background color of an element to Hex 6E86B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E86B0 }
```

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

```
.background{ background-color:#6E86B0 }
```

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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