

Converting Colors

Hex(6E82B4)

Have a look what the booklet for
Hex(6E82B4) contains.

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Color

Hex(6E82B4)

Conversions

Conversions Part 1

Format	Color
Hex	6E82B4
RGB	110, 130, 180
RGB Percent	43%, 51%, 71%
CMY	0.5686, 0.4902, 0.2941
CMYK	0.39, 0.28, 0.00, 0.29
HSL	223°, 32%, 57%
HSV	223°, 39%, 71%
XYZ	22.6513, 22.5755, 46.3437
YIQ	129.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

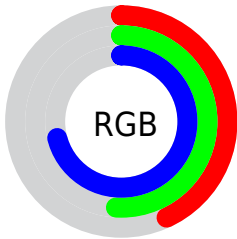
Format	Color
R_{YB}	110, 126, 180
Decimal	7242420
CIE _{Lab}	54.63, 5.54, -28.66
CIE _{LCh}	55, 29.195, 280.948
Yxy	22.5755, 0.2474, 0.2465
Android (android.graphics.Color)	4285432500 (0xFF6E82B4)
YUV	129.7200, 24.7880, -17.2944
Hunter-Lab	47.5137, 1.9474, -24.5703

Details

The Hex color **6E82B4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B4A06E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A4B7EC**, and **3A517F** is the 20% darker color. If you saturate the color by 10%, you get **5C75B4**, and if you desaturate by 10%, it is **808FB4**.

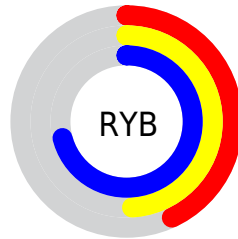
Distribution



Red (43%)

Green (51%)

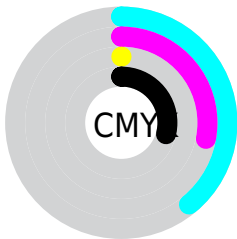
Blue (71%)



Red (43%)

Yellow (49%)

Blue (71%)

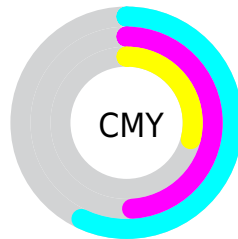


Cyan (39%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E82B4 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 6E82B4 by changing the saturation by 10% instead.



6E82B4



6E82B4

FFFFFF



546999



A4B7EC



3A517F



C0D2FF



1F3A66



DCEFFF



00254D



F9FFFF



001036



000221



000005



000000



6E82B4



6E82B4

■ 5C75B4

■ 808FB4

■ 4A68B4

■ 929CB4

■ 385BB4

■ A4A9B4

■ 264FB4

■ B6B5B4

■ 1442B4

■ C8C2B4

■ 0235B4

■ DACFB4

■ 0033B4

■ ECDCB4

■ FEE9B4

■ FFF6B4

Harmonies

Analogous

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



458AB2



6E82B4



9279A9

Triad

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



6E82B4



B17463



508F71

Complementary

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



6E82B4



B4A06E

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.



6F8B5C



6E82B4



A27C53

Square

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



6E82B4



B46F7A



8B8451



30908B

Rectangle

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



6E82B4



A3739C



8B8451



5A8E69

Sweetspot

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



6E82B4



CED6EB



6EB49F



656A75



F5F5F5



757575

Same Dimension

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



6E82B4



7C9CEB



7C6EB4



505359



002C99



00071A

Inverse Universe

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



B46E82



EB7C9C



A6B46E



595053



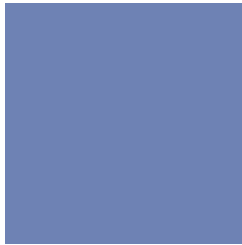
99002C



1A0007

Previews

White Background



This preview shows how the Hex color 6E82B4 looks on a white background.

Color Contrast Check

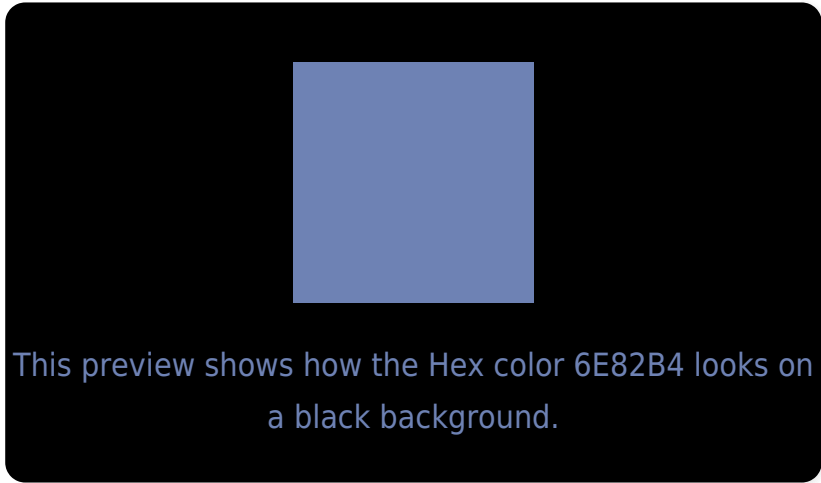
Large Text (above 18pt) WCAG AA ✓ Pass

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

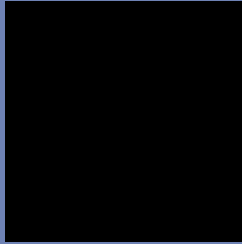
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

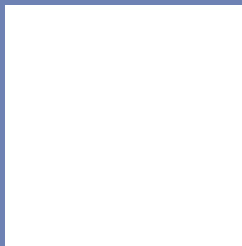
Any Text WCAG AAA × Fail

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

Hex 6E82B4 Background



This preview shows how black text looks on a background with the Hex color 6E82B4.



This preview shows how white text looks on a background with the Hex color 6E82B4.

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
6E82B4

Protanopia
7481B3

Deuteranopia
7281B4



Tritanopia
668893

Trichromacy



Original Color
6E82B4

Protanomaly
7281B3

Deuteranomaly
7181B4

Tritanomaly
69869F

Monochromacy



Original Color
6E82B4

Achromatopsia
828282

Achromatomaly
7B8294

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E82B4 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 #6E82B4 looks like.

```
.text, #text, p{  
    color:#6E82B4  
}
```

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 #6E82B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E82B4  
}
```

Border

The CSS property to change the border of an element to Hex 6E82B4 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  
#6E82B4 }
```

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

```
.border{ border-color:#6E82B4 }
```

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

Here you see how a box with a 4 pixel #6E82B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E82B4; -webkit-box-shadow:4px 4px  
4px 4px #6E82B4; box-shadow:4px 4px 4px  
4px #6E82B4 }
```

Background

The CSS property to change the background color of an element to Hex 6E82B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E82B4 }
```

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

```
.background{ background-color:#6E82B4 }
```

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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