

Converting Colors

Hex(6E74B9)

Have a look what the booklet for
Hex(6E74B9) contains.

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Color

Hex(6E74B9)

Conversions

Conversions Part 1

Format	Color
Hex	6E74B9
RGB	110, 116, 185
RGB Percent	43%, 45%, 73%
CMY	0.5686, 0.5451, 0.2745
CMYK	0.41, 0.37, 0.00, 0.27
HSL	235°, 35%, 58%
HSV	235°, 41%, 73%
XYZ	21.4328, 19.3086, 48.4962
YIQ	122.0720, -25.7250, 20.1870

Conversions

Conversions Part 2

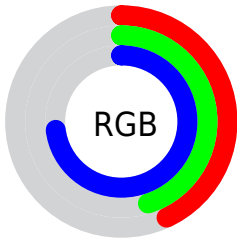
Format	Color
R _Y B	110, 116, 185
Decimal	7238841
CIE _{Lab}	51.05, 15.34, -37.14
CIE _{LCh}	51, 40.184, 292.443
Y _{xy}	19.3086, 0.2402, 0.2164
Android (android.graphics.Color)	4285428921 (0xFF6E74B9)
YUV	122.0720, 31.0235, -10.5871
Hunter-Lab	43.9415, 10.1669, -34.6766

Details

The Hex color **6E74B9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B9B36E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A4A8F1**, and **394483** is the 20% darker color. If you saturate the color by 10%, you get **5C63B9**, and if you desaturate by 10%, it is **8185B9**.

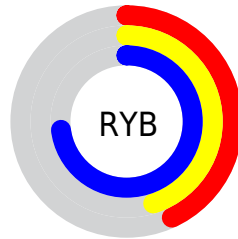
Distribution



Red (43%)

Green (45%)

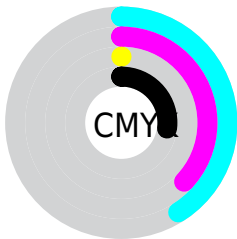
Blue (73%)



Red (43%)

Yellow (45%)

Blue (73%)

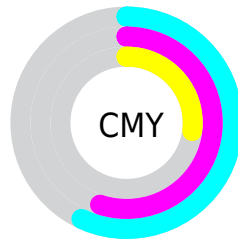


Cyan (41%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E74B9 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 6E74B9 by changing the saturation by 10% instead.

■ 6E74B9

■ 6E74B9

FFFFFF

■ 545B9E

■ A4A8F1

■ 394483

■ C0C3FF

■ 1D2E6A

■ DDDFFF

■ 001A51

■ FAFCFF

■ 00003A

■ 000224

■ 00000B

■ 000000

■ 6E74B9

■ 6E74B9

■ 5C63B9

■ 8185B9

■ 4952B9

■ 9396B9

■ 3641B9

■ A5A7B9

■ 2430B9

■ B8B8B9

■ 111FB9

■ CBC9B9

■ 000FB9

■ DDDAB9

■ EFEBB9

■ FFFCB9

■ FFFFB9

Harmonies

Analogous

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



1B80BD



6E74B9



9C67A4

Triad

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



6E74B9



AE6844



008A6F

Complementary

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



6E74B9



B9B36E

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.



4B874E



6E74B9



957534

Square

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



6E74B9



BA5E61



747F37



008B93

Rectangle

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



6E74B9



AE5F8F



747F37



228A64

Sweetspot

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



6E74B9



D3D5F0



6EB9B3



676878



F7F7F7



787878

Same Dimension

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



6E74B9



7A84F0



8D6EB9



53535C



000C9C



00021C

Inverse Universe

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



B96E74



F07A84



9AB96E



5C5353



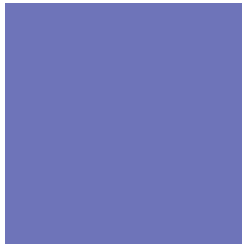
9C000C



1C0002

Previews

White Background



This preview shows how the Hex color 6E74B9 looks on a white background.

Color Contrast Check

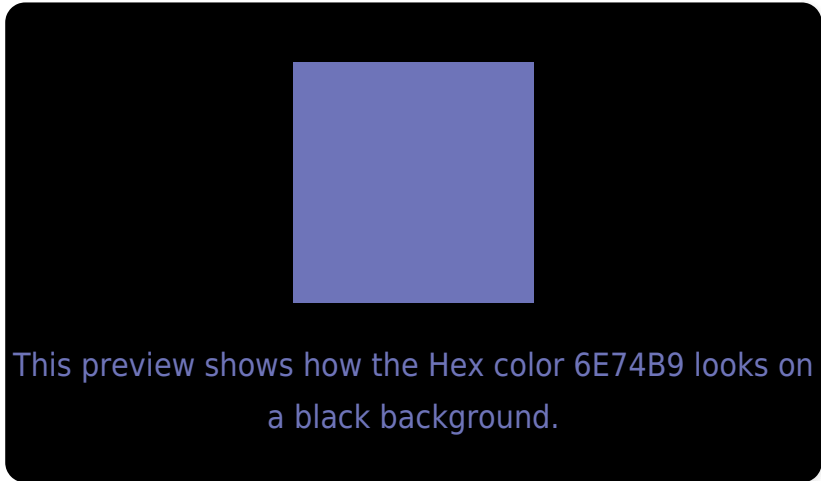
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E74B9 Background



This preview shows how black text looks on a background with the Hex color 6E74B9.



This preview shows how white text looks on a background with the Hex color 6E74B9.

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](#).

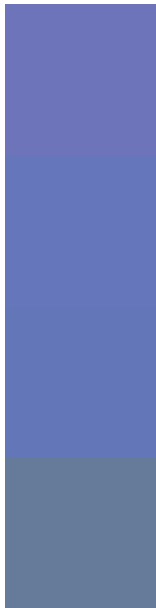
Dichromacy





Tritanopia
627E88

Trichromacy



Original Color
6E74B9

Protanomaly
6676BB

Deuteranomaly
6377B8

Tritanomaly
667A9A

Monochromacy



Original Color
6E74B9

Achromatopsia
7A7A7A

Achromatomaly
767891

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E74B9 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 #6E74B9 looks like.

```
.text, #text, p{  
    color:#6E74B9  
}
```

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 #6E74B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E74B9
}
```

Border

The CSS property to change the border of an element to Hex 6E74B9 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".

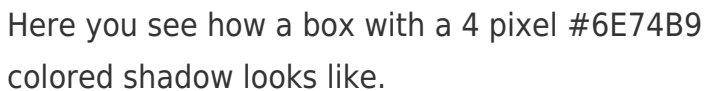
```
.border, #border, table{ border:4px solid
#6E74B9 }
```

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

```
.border{ border-color:#6E74B9 }
```

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

Here you see how a box with a 4 pixel #6E74B9 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 #6E74B9; -webkit-box-shadow:4px 4px  
4px 4px #6E74B9; box-shadow:4px 4px 4px  
4px #6E74B9 }
```

Background

The CSS property to change the background color of an element to Hex 6E74B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E74B9 }
```

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

```
.background{ background-color:#6E74B9 }
```

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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