

Converting Colors

Hex(6E71B2)

Have a look what the booklet for
Hex(6E71B2) contains.

Hex(6E71B2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E71B2)

Conversions

Conversions Part 1

Format	Color
Hex	6E71B2
RGB	110, 113, 178
RGB Percent	43%, 44%, 70%
CMY	0.5686, 0.5569, 0.3020
CMYK	0.38, 0.37, 0.00, 0.30
HSL	237°, 31%, 56%
HSV	237°, 38%, 70%
XYZ	20.3714, 18.3396, 44.5857
YIQ	119.5130, -22.6530, 19.5790

Conversions

Conversions Part 2

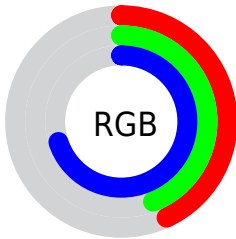
Format	Color
R_{YB}	110, 113, 178
Decimal	7238066
CIE _{Lab}	49.91, 15.15, -34.89
CIE _{LCh}	50, 38.034, 293.473
Yxy	18.3396, 0.2446, 0.2202
Android (android.graphics.Color)	4285428146 (0xFF6E71B2)
YUV	119.5130, 28.8341, -8.3429
Hunter-Lab	42.8248, 9.9678, -31.7506

Details

The Hex color **6E71B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B2AF6E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A4A5EA**, and **3A417D** is the 20% darker color. If you saturate the color by 10%, you get **5C60B2**, and if you desaturate by 10%, it is **8082B2**.

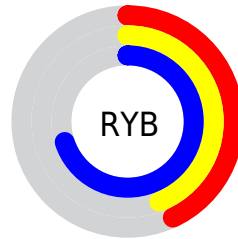
Distribution



Red (43%)

Green (44%)

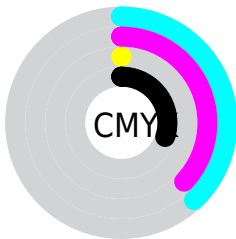
Blue (70%)



Red (43%)

Yellow (44%)

Blue (70%)

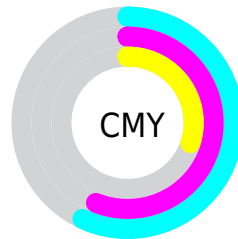


Cyan (38%)

Magenta (37%)

Yellow (0%)

Black (30%)



Cyan (57%)

Magenta (56%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E71B2 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 6E71B2 by changing the saturation by 10% instead.



6E71B2



6E71B2

FFFFFF



545997



A4A5EA



3A417D



C0C0FF



1F2B64



DCDCFF



00174B



F9F8FF



000035



00021E



000001



000000



6E71B2



6E71B2

■ 5C60B2

■ 8082B2

■ 4A4FB2

■ 9293B2

■ 393EB2

■ A3A4B2

■ 272DB2

■ B5B5B2

■ 151CB2

■ C7C6B2

■ 030BB2

■ D9D7B2

■ 0008B2

■ EBE8B2

■ FCF9B2

■ FFFFB2

Harmonies

Analogous

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



297CB7



6E71B2



98659E

Triad

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



6E71B2



A86744



00876E

Complementary

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



6E71B2



B2AF6E

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.



4A834F



6E71B2



907235

Square

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



6E71B2



B35D5F



717D39



00878F

Rectangle

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



6E71B2



A95E8A



717D39



258663

Sweetspot

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



6E71B2



CFD0E8



6EB2AF



666775



F5F5F5



757575

Same Dimension

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



6E71B2



7D82E8



8D6EB2



505159



000799



00011A

Inverse Universe

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



B26E71



E87D82



93B26E



595051



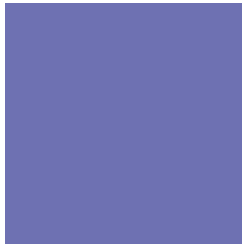
990007



1A0001

Previews

White Background



This preview shows how the Hex color 6E71B2 looks on a white 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

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 6E71B2 Background



This preview shows how black text looks on a background with the Hex color 6E71B2.

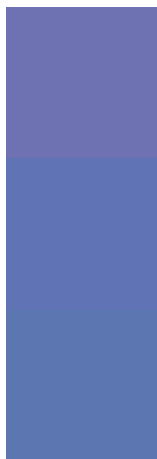


This preview shows how white text looks on a background with the Hex color 6E71B2.

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
6E71B2

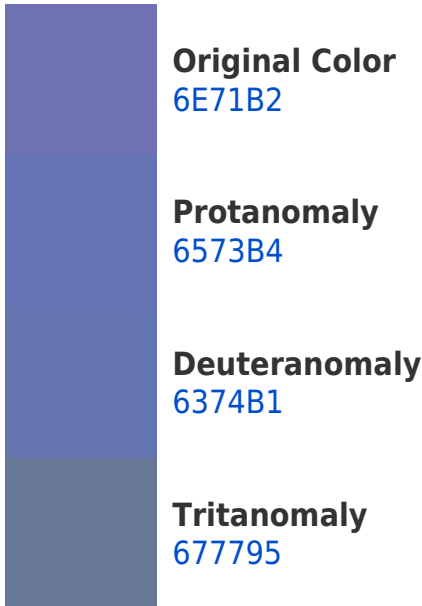
Protanopia
6074B5

Deuteranopia
5C76B1

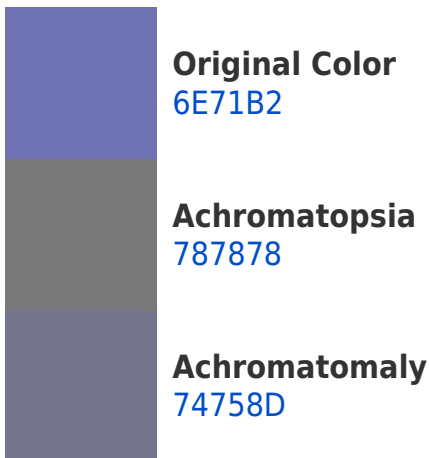


Tritanopia
637A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E71B2 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 #6E71B2 looks like.

```
.text, #text, p{  
    color:#6E71B2  
}
```

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 #6E71B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E71B2
}
```

Border

The CSS property to change the border of an element to Hex 6E71B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

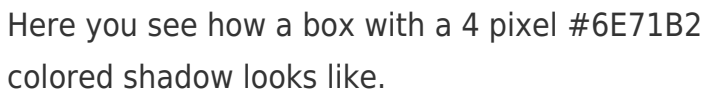
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E71B2 }
```

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

```
.border{ border-color:#6E71B2 }
```

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



Here you see how a box with a 4 pixel #6E71B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E71B2; -webkit-box-shadow:4px 4px  
4px 4px #6E71B2; box-shadow:4px 4px 4px  
4px #6E71B2 }
```

Background

The CSS property to change the background color of an element to Hex 6E71B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E71B2 }
```

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

```
.background{ background-color:#6E71B2 }
```

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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