

Converting Colors

Hex(6E75B8)

Have a look what the booklet for
Hex(6E75B8) contains.

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Color

Hex(6E75B8)

Conversions

Conversions Part 1

Format	Color
Hex	6E75B8
RGB	110, 117, 184
RGB Percent	43%, 46%, 72%
CMY	0.5686, 0.5412, 0.2784
CMYK	0.40, 0.36, 0.00, 0.28
HSL	234°, 34%, 58%
HSV	234°, 40%, 72%
XYZ	21.4434, 19.4983, 47.9808
YIQ	122.5450, -25.6790, 19.3530

Conversions

Conversions Part 2

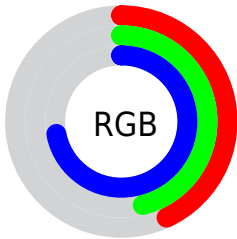
Format	Color
R_{YB}	110, 116, 184
Decimal	7239096
CIE _{Lab}	51.27, 14.45, -36.22
CIE _{LCh}	51, 38.995, 291.747
Yxy	19.4983, 0.2411, 0.2193
Android (android.graphics.Color)	4285429176 (0xFF6E75B8)
YUV	122.5450, 30.2973, -11.0020
Hunter-Lab	44.1568, 9.4086, -33.5146

Details

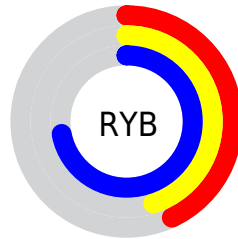
The Hex color **6E75B8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B8B16E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A4A9F0**, and **394583** is the 20% darker color. If you saturate the color by 10%, you get **5C64B8**, and if you desaturate by 10%, it is **8086B8**.

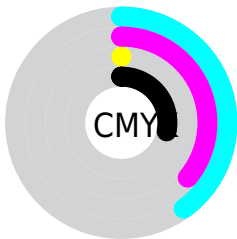
Distribution



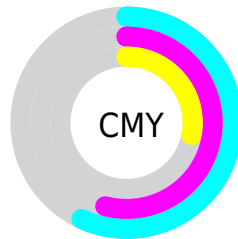
- Red (43%)
- Green (46%)
- Blue (72%)



- Red (43%)
- Yellow (45%)
- Blue (72%)



- Cyan (40%)
- Magenta (36%)
- Yellow (0%)
- Black (28%)



- Cyan (57%)
- Magenta (54%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E75B8 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 6E75B8 by changing the saturation by 10% instead.

■ 6E75B8

■ 6E75B8

FFFFFF

■ 545C9D

■ A4A9F0

■ 394583

■ C0C4FF

■ 1D2F69

■ DDE0FF

■ 001B51

■ FAFDFD

■ 000039

■ 000223

■ 00000A

■ 000000

■ 6E75B8

■ 6E75B8

■ 5C64B8

■ 8086B8

■ 4954B8

■ 9396B8

■ 3743B8

■ A5A7B8

■ 2432B8

■ B8B8B8

■ 1222B8

■ CAC8B8

■ 0011B8

■ DCD9B8

■ EFEAB8

■ FFFAB8

■ FFFFB8

Harmonies

Analogous

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



2280BC



6E75B8



9A68A4

Triad

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



6E75B8



AE6947



018B6F

Complementary

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



6E75B8



B8B16E

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.



4F874F



6E75B8



967537

Square

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



6E75B8



B96063



76803A



008B92

Rectangle

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



6E75B8



AD6190



76803A



2A8A64

Sweetspot

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



6E75B8



D3D6F0



6EB8B1



676978



F7F7F7



787878

Same Dimension

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



6E75B8



7D88F0



8C6EB8



53535C



000F9C



00031C

Inverse Universe

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



B86E75



F07D88



9AB86E



5C5353



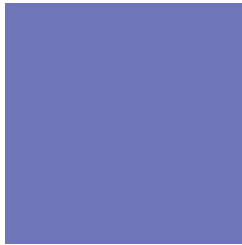
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color 6E75B8 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



This preview shows how the Hex color 6E75B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

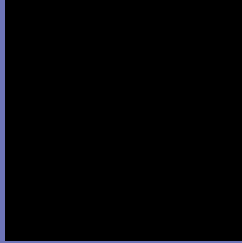
Any Text WCAG AA ✓ Pass

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 6E75B8 Background



This preview shows how black text looks on a background with the Hex color 6E75B8.

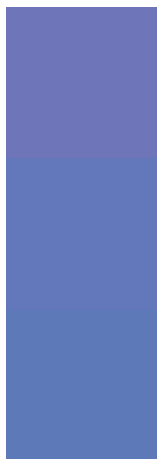


This preview shows how white text looks on a background with the Hex color 6E75B8.

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
6E75B8

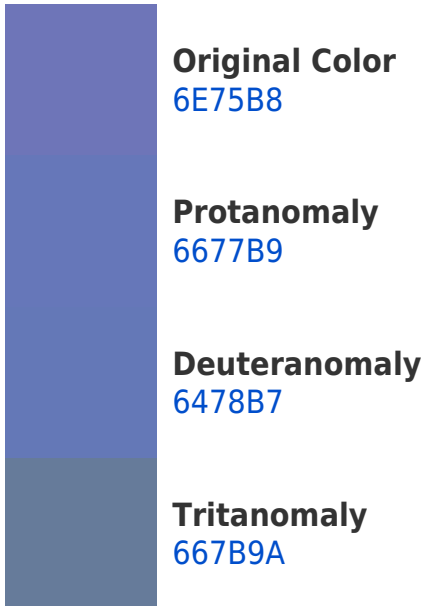
Protanopia
6278BA

Deuteranopia
5E79B7



Tritanopia
627F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E75B8 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 #6E75B8 looks like.

```
.text, #text, p{  
    color:#6E75B8  
}
```

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 #6E75B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E75B8
}
```

Border

The CSS property to change the border of an element to Hex 6E75B8 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
#6E75B8 }
```

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

```
.border{ border-color:#6E75B8 }
```

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

Here you see how a box with a 4 pixel #6E75B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E75B8; -webkit-box-shadow:4px 4px  
4px 4px #6E75B8; box-shadow:4px 4px 4px  
4px #6E75B8 }
```

Background

The CSS property to change the background color of an element to Hex 6E75B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E75B8 }
```

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

```
.background{ background-color:#6E75B8 }
```

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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