

Converting Colors

Hex(6E76B6)

Have a look what the booklet for
Hex(6E76B6) contains.

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Color

Hex(6E76B6)

Conversions

Conversions Part 1

Format	Color
Hex	6E76B6
RGB	110, 118, 182
RGB Percent	43%, 46%, 71%
CMY	0.5686, 0.5373, 0.2863
CMYK	0.40, 0.35, 0.00, 0.29
HSL	233°, 33%, 57%
HSV	233°, 40%, 71%
XYZ	21.3523, 19.6493, 46.9233
YIQ	122.9040, -25.3120, 18.2080

Conversions

Conversions Part 2

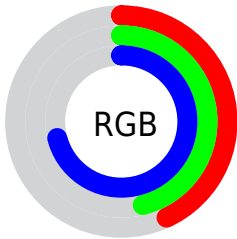
Format	Color
R _Y B	110, 117, 182
Decimal	7239350
CIE Lab	51.44, 13.27, -34.80
CIE LCh	51, 37.240, 290.876
Yxy	19.6493, 0.2428, 0.2235
Android (android.graphics.Color)	4285429430 (0xFF6E76B6)
YUV	122.9040, 29.1343, -11.3168
Hunter-Lab	44.3275, 8.4095, -31.7327

Details

The Hex color **6E76B6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B6AE6E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A4AAEE**, and **3A4681** is the 20% darker color. If you saturate the color by 10%, you get **5C66B6**, and if you desaturate by 10%, it is **8086B6**.

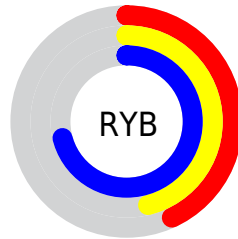
Distribution



Red (43%)

Green (46%)

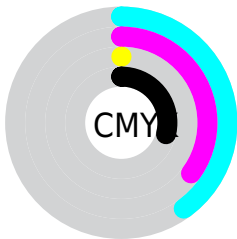
Blue (71%)



Red (43%)

Yellow (46%)

Blue (71%)

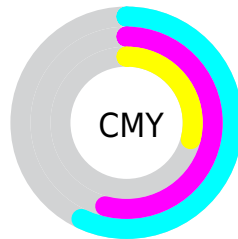


Cyan (40%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E76B6 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 6E76B6 by changing the saturation by 10% instead.

■ 6E76B6

■ 6E76B6

FFFFFF

■ 545D9B

■ A4AAEE

■ 3A4681

■ C0C5FF

■ 1E3067

■ DDE1FF

■ 001B4F

■ FAFEFF

■ 000038

■ 000221

■ 000007

■ 000000

■ 6E76B6

■ 6E76B6

■ 5C66B6

■ 8086B6

■ 4A56B6

■ 9296B6

■ 3745B6

■ A5A7B6

■ 2535B6

■ B7B7B6

■ 1325B6

■ C9C7B6

■ 0115B6

■ DBD7B6

■ 0014B6

■ EDE7B6

■ FFF7B6

■ FFFFB6

Harmonies

Analogous

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



2B81B9



6E76B6



996AA3

Triad

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



6E76B6



AD6A4A



1A8A6F

Complementary

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



6E76B6



B6AE6E

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.



538751



6E76B6



96753B

Square

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



6E76B6



B76166



78803D



008B90

Rectangle

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



6E76B6



AB6390



78803D



328965

Sweetspot

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



6E76B6



D1D4ED



6EB6AE



676978



F7F7F7



787878

Same Dimension

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



6E76B6



7E8AED



8A6EB6



53545C



00119C



00031C

Inverse Universe

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



B66E76



ED7E8A



9AB66E



5C5354



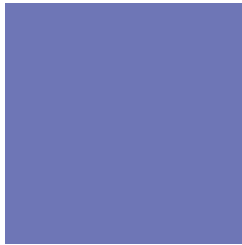
9C0011



1C0003

Previews

White Background



This preview shows how the Hex color 6E76B6 looks on a white background.

Color Contrast Check

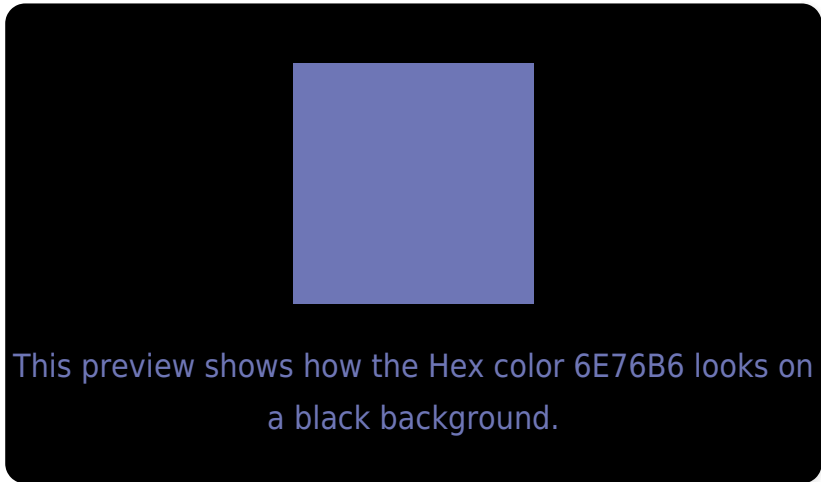
Large Text (above 18pt) WCAG AA ✓ Pass

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

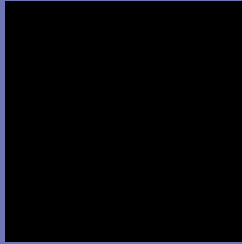
Any Text WCAG AA ✓ Pass

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 6E76B6 Background



This preview shows how black text looks on a background with the Hex color 6E76B6.

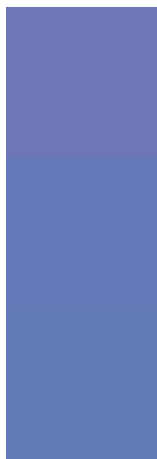


This preview shows how white text looks on a background with the Hex color 6E76B6.

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
6E76B6

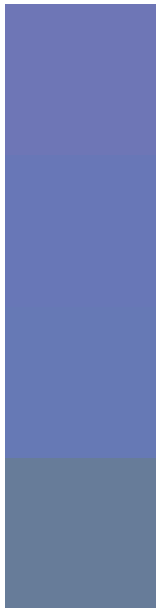
Protanopia
6478B8

Deuteranopia
617AB5



Tritanopia
637F89

Trichromacy



Original Color
6E76B6

Protanomaly
6877B7

Deuteranomaly
6679B5

Tritanomaly
677C99

Monochromacy



Original Color
6E76B6

Achromatopsia
7B7B7B

Achromatomaly
767990

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E76B6 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 #6E76B6 looks like.

```
.text, #text, p{  
    color:#6E76B6  
}
```

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 #6E76B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E76B6
}
```

Border

The CSS property to change the border of an element to Hex 6E76B6 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".

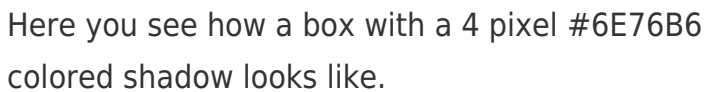
```
.border, #border, table{ border:4px solid
#6E76B6 }
```

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

```
.border{ border-color:#6E76B6 }
```

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

Here you see how a box with a 4 pixel #6E76B6 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 #6E76B6; -webkit-box-shadow:4px 4px  
4px 4px #6E76B6; box-shadow:4px 4px 4px  
4px #6E76B6 }
```

Background

The CSS property to change the background color of an element to Hex 6E76B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E76B6 }
```

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

```
.background{ background-color:#6E76B6 }
```

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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