

Converting Colors

Hex(6C76B0)

Have a look what the booklet for
Hex(6C76B0) contains.

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Color

Hex(6C76B0)

Conversions

Conversions Part 1

Format	Color
Hex	6C76B0
RGB	108, 118, 176
RGB Percent	42%, 46%, 69%
CMY	0.5765, 0.5373, 0.3098
CMYK	0.39, 0.33, 0.00, 0.31
HSL	231°, 30%, 56%
HSV	231°, 39%, 69%
XYZ	20.4992, 19.2796, 43.7152
YIQ	121.6220, -24.5780, 15.9180

Conversions

Conversions Part 2

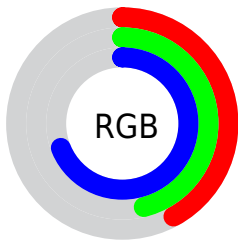
Format	Color
R _Y B	108, 117, 176
Decimal	7108272
CIE Lab	51.01, 11.00, -32.00
CIE LCh	51, 33.843, 288.970
Yxy	19.2796, 0.2455, 0.2309
Android (android.graphics.Color)	4285298352 (0xFF6C76B0)
YUV	121.6220, 26.8084, -11.9465
Hunter-Lab	43.9085, 6.4950, -28.2930

Details

The Hex color **6C76B0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0A66C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2AAE8**, and **38467B** is the 20% darker color. If you saturate the color by 10%, you get **5A67B0**, and if you desaturate by 10%, it is **7E85B0**.

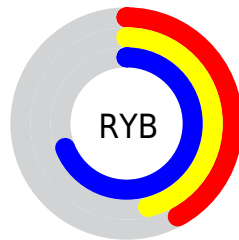
Distribution



Red (42%)

Green (46%)

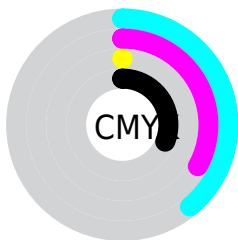
Blue (69%)



Red (42%)

Yellow (46%)

Blue (69%)

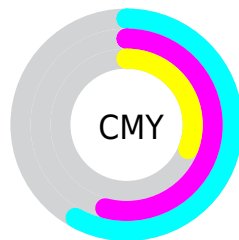


Cyan (39%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C76B0 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 6C76B0 by changing the saturation by 10% instead.

■ 6C76B0

■ 6C76B0

FFFFFF

■ 525D95

■ A2AAE8

■ 38467B

■ BDC5FF

■ 1D3062

■ DAE1FF

■ 001B4A

■ F7FEFF

■ 000033

■ 00021D

■ 000000

■ 6C76B0

■ 6C76B0

■ 5A67B0

■ 7E85B0

■ 4958B0

■ 8F94B0

■ 3749B0

■ A1A3B0

■ 263AB0

■ B2B2B0

■ 142BB0

■ C4C1B0

■ 021CB0

■ D6D0B0

■ 001AB0

■ E7DFB0

■ F9EEB0

■ FFFDB0

Harmonies

Analogous

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



3580B2



6C76B0



936BA0

Triad

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



6C76B0



A96A4F



2E886D

Complementary

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



6C76B0



B0A66C

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.



588452



6C76B0



957440

Square

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



6C76B0



B16368



797E41



00898B

Rectangle

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



6C76B0



A4658F



797E41



3E8764

Sweetspot

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



6C76B0



CACEE6



6CB0A6



636573



F2F2F2



737373

Same Dimension

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



6C76B0



7C8BE6



846CB0



505259



001699



00041A

Inverse Universe

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



B06C76



E67C8B



98B06C



595052



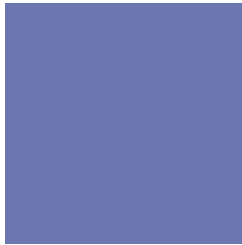
990017



1A0004

Previews

White Background



This preview shows how the Hex color 6C76B0 looks on a white background.

Color Contrast Check

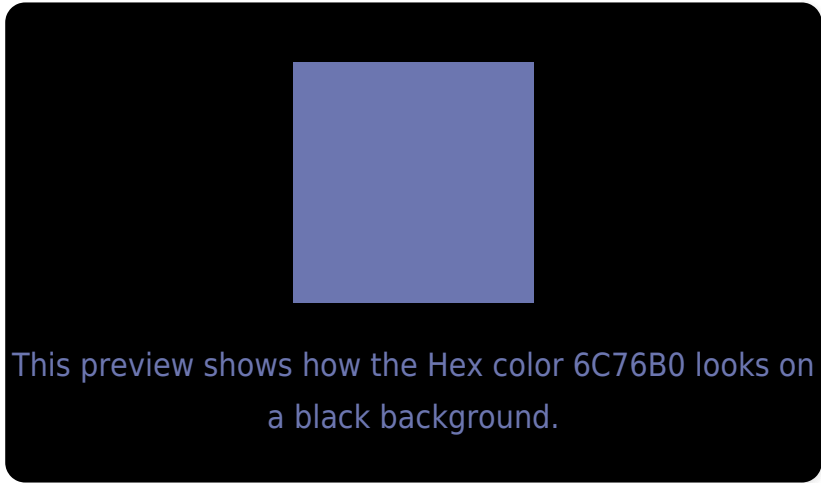
Large Text (above 18pt) WCAG AA ✓ Pass

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

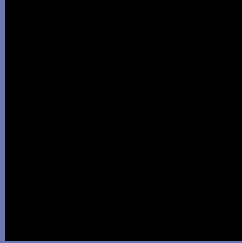
Any Text WCAG AA ✓ Pass

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 6C76B0 Background



This preview shows how black text looks on a background with the Hex color 6C76B0.



This preview shows how white text looks on a background with the Hex color 6C76B0.

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
6C76B0

Protanopia
6677B1

Deuteranopia
6478AF



Tritanopia
627E88

Trichromacy



Original Color
6C76B0

Protanomaly
6877B1

Deuteranomaly
6777AF

Tritanomaly
667B97

Monochromacy



Original Color
6C76B0

Achromatopsia
7A7A7A

Achromatomaly
75798E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C76B0 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 #6C76B0 looks like.

```
.text, #text, p{  
    color:#6C76B0  
}
```

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 #6C76B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C76B0
}
```

Border

The CSS property to change the border of an element to Hex 6C76B0 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
#6C76B0 }
```

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

```
.border{ border-color:#6C76B0 }
```

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

Here you see how a box with a 4 pixel #6C76B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C76B0; -webkit-box-shadow:4px 4px  
4px 4px #6C76B0; box-shadow:4px 4px 4px  
4px #6C76B0 }
```

Background

The CSS property to change the background color of an element to Hex 6C76B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C76B0 }
```

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

```
.background{ background-color:#6C76B0 }
```

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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