

Converting Colors

Hex(6F70C8)

Have a look what the booklet for
Hex(6F70C8) contains.

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Color

Hex(6F70C8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F70C8 |
| RGB | 111, 112, 200 |
| RGB Percent | 44%, 44%, 78% |
| CMY | 0.5647, 0.5608, 0.2157 |
| CMYK | 0.45, 0.44, 0.00, 0.22 |
| HSL | 239°, 45%, 61% |
| HSV | 239°, 44%, 78% |
| XYZ | 22.7750, 19.1380, 57.1372 |
| YIQ | 121.7330, -28.8440, 27.1560 |

Conversions

Conversions Part 2

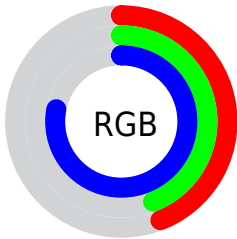
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 112, 200 |
| Decimal | 7303368 |
| CIE _{Lab} | 50.85, 22.42, -46.06 |
| CIE _{LCh} | 51, 51.229, 295.953 |
| Yxy | 19.1380, 0.2299, 0.1932 |
| Android (android.graphics.Color) | 4285493448 (0xFF6F70C8) |
| YUV | 121.7330, 38.5856, -9.4128 |
| Hunter-Lab | 43.7470, 16.3714, -46.8148 |

Details

The Hex color **6F70C8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C8C76F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A7A4FF**, and **374091** is the 20% darker color. If you saturate the color by 10%, you get **5B5CC8**, and if you desaturate by 10%, it is **8384C8**.

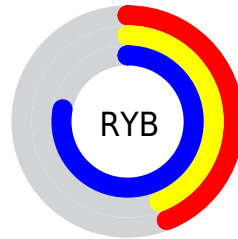
Distribution



Red (44%)

Green (44%)

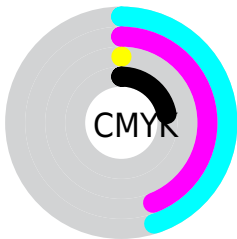
Blue (78%)



Red (44%)

Yellow (44%)

Blue (78%)

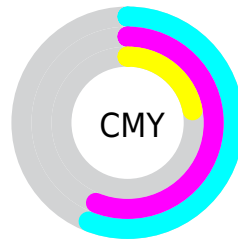


Cyan (45%)

Magenta (44%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F70C8 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 6F70C8 by changing the saturation by 10% instead.

■ 6F70C8

■ 6F70C8

FFFFFF

■ 5358AC

■ A7A4FF

■ 374091

■ C3BFFF

■ 162B77

■ E0DBFF

■ 00165E

■ FEF7FF

■ 000046

■ 00042F

■ 000119

■ 000000

■ 6F70C8

■ 6F70C8

 5B5CC8

 8384C8

 4748C8

 9798C8

 3335C8

 ABABC8

 1F21C8

 BFBFC8

 0B0DC8

 D3D3C8

 0002C8

 E7E7C8

 FBFAC8

 FFFC8

Harmonies

Analogous

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



0080D0



6F70C8



A85DAB

Triad

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



6F70C8



B56430



008E72

Complementary

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



6F70C8



C8C76F

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.



2E8A46



6F70C8



957519

Square

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



6F70C8



C75455



6B8223



008E9E

Rectangle

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



6F70C8



BE5390



6B8223



008D62

Sweetspot

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



6F70C8



DEDEFF



6FC8C7



6B6B80



000000



808080

Same Dimension

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



6F70C8



7879FF



9A6FC8



5A5A63



0002A3



000024

Inverse Universe

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



C86F70



FF7879



9DC86F



635A5A



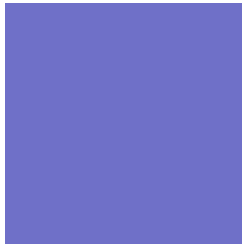
A30002



240000

Previews

White Background



This preview shows how the Hex color 6F70C8 looks on a white background.

Color Contrast Check

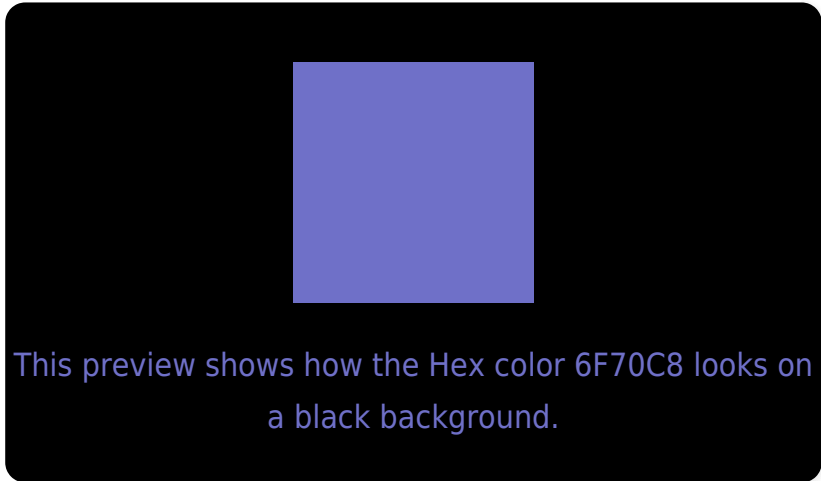
Large Text (above 18pt) WCAG AA ✓ Pass

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

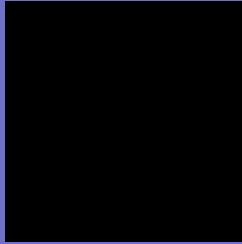
Any Text WCAG AA ✓ Pass

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 6F70C8 Background



This preview shows how black text looks on a background with the Hex color 6F70C8.



This preview shows how white text looks on a background with the Hex color 6F70C8.

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
5E7E88

Trichromacy



Original Color
6F70C8

Protanomaly
5D74CC

Deuteranomaly
5776C7

Tritanomaly
64799F

Monochromacy



Original Color
6F70C8

Achromatopsia
7A7A7A

Achromatomaly
767696

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F70C8 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 #6F70C8 looks like.

```
.text, #text, p{  
    color:#6F70C8  
}
```

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 #6F70C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F70C8
}
```

Border

The CSS property to change the border of an element to Hex 6F70C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

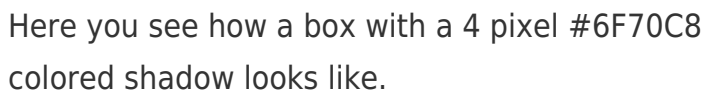
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F70C8 }
```

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

```
.border{ border-color:#6F70C8 }
```

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



Here you see how a box with a 4 pixel #6F70C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F70C8; -webkit-box-shadow:4px 4px  
4px 4px #6F70C8; box-shadow:4px 4px 4px  
4px #6F70C8 }
```

Background

The CSS property to change the background color of an element to Hex 6F70C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F70C8 }
```

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

```
.background{ background-color:#6F70C8 }
```

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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