

Converting Colors

Hex(6F81B8)

Have a look what the booklet for
Hex(6F81B8) contains.

| | |
|--|----|
| Hex(6F81B8) | 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(6F81B8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F81B8 |
| RGB | 111, 129, 184 |
| RGB Percent | 44%, 51%, 72% |
| CMY | 0.5647, 0.4941, 0.2784 |
| CMYK | 0.40, 0.30, 0.00, 0.28 |
| HSL | 225°, 34%, 58% |
| HSV | 225°, 40%, 72% |
| XYZ | 23.0575, 22.5407, 48.4829 |
| YIQ | 129.8880, -28.3830, 13.2890 |

Conversions

Conversions Part 2

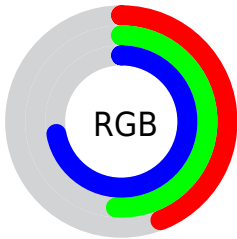
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 111, 125, 184 |
| Decimal | 7307704 |
| CIE _{Lab} | 54.60, 7.54, -31.01 |
| CIE _{LCh} | 55, 31.911, 283.675 |
| Yxy | 22.5407, 0.2451, 0.2396 |
| Android (android.graphics.Color) | 4285497784 (0xFF6F81B8) |
| YUV | 129.8880, 26.6772, -16.5648 |
| Hunter-Lab | 47.4771, 3.6048, -27.3122 |

Details

The Hex color **6F81B8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B8A66F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A5B6F0**, and **3B5083** is the 20% darker color. If you saturate the color by 10%, you get **5D73B8**, and if you desaturate by 10%, it is **818FB8**.

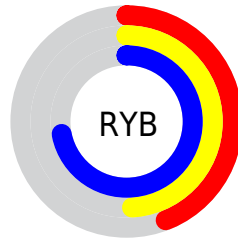
Distribution



Red (44%)

Green (51%)

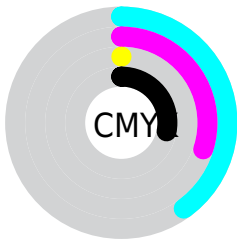
Blue (72%)



Red (44%)

Yellow (49%)

Blue (72%)

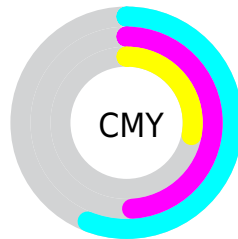


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (56%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F81B8 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 6F81B8 by changing the saturation by 10% instead.

■ 6F81B8

■ 6F81B8

FFFFFF

■ 55689D

■ A5B6F0

■ 3B5083

■ C1D1FF

■ 1F3969

■ DDEDFE

■ 002451

■ FBFFFF

■ 000F3A

■ 000223

■ 00000B

■ 000000

■ 6F81B8

■ 6F81B8

■ 5D73B8

■ 818FB8

■ 4A65B8

■ 949DB8

■ 3857B8

■ A6ABB8

■ 254AB8

■ B9B8B8

■ 133CB8

■ CBC6B8

■ 012EB8

■ DDD4B8

■ 002DB8

■ F0E2B8

■ FFF0B8

■ FFFEB8

Harmonies

Analogous

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



3E8AB7



6F81B8



9677AB

Triad

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



6F81B8



B3735E



469072

Complementary

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



6F81B8



B8A66F

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.



698C5A



6F81B8



A27C4E

Square

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



6F81B8



B86D77



88854C



19918F

Rectangle

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



6F81B8



A8719C



88854C



528F69

Sweetspot

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



6F81B8



D3DAF0



6FB8A6



676B78



F7F7F7



787878

Same Dimension

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



6F81B8



7D99F0



816FB8



53555C



00269C



00071C

Inverse Universe

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



B86F81



F07D99



A6B86F



5C5355



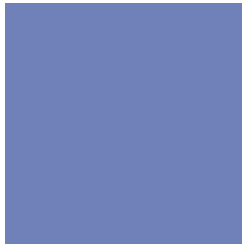
9C0026



1C0007

Previews

White Background



This preview shows how the Hex color 6F81B8 looks on a white background.

Color Contrast Check

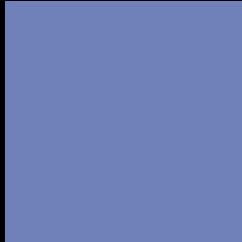
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F81B8 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

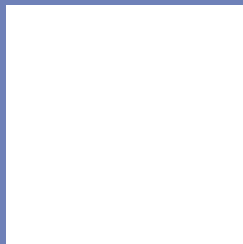
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F81B8 Background



This preview shows how black text looks on a background with the Hex color 6F81B8.



This preview shows how white text looks on a background with the Hex color 6F81B8.

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

6F81B8

Protanopia

7180B8

Deuteranopia

6F81B8



Tritanopia
668893

Trichromacy



Original Color
6F81B8

Protanomaly
7080B8

Deuteranomaly
6F81B8

Tritanomaly
6985A0

Monochromacy



Original Color
6F81B8

Achromatopsia
828282

Achromatomaly
7B8296

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F81B8 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 #6F81B8 looks like.

```
.text, #text, p{  
    color:#6F81B8  
}
```

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 #6F81B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F81B8
}
```

Border

The CSS property to change the border of an element to Hex 6F81B8 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
#6F81B8 }
```

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

```
.border{ border-color:#6F81B8 }
```

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

Here you see how a box with a 4 pixel #6F81B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F81B8; -webkit-box-shadow:4px 4px  
4px 4px #6F81B8; box-shadow:4px 4px 4px  
4px #6F81B8 }
```

Background

The CSS property to change the background color of an element to Hex 6F81B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F81B8 }
```

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

```
.background{ background-color:#6F81B8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor