

Converting Colors

Hex(6F85B3)

Have a look what the booklet for
Hex(6F85B3) contains.

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Color

Hex(6F85B3)

Conversions

Conversions Part 1

Format	Color
Hex	6F85B3
RGB	111, 133, 179
RGB Percent	44%, 52%, 70%
CMY	0.5647, 0.4784, 0.2980
CMYK	0.38, 0.26, 0.00, 0.30
HSL	221°, 31%, 57%
HSV	221°, 38%, 70%
XYZ	23.0798, 23.4092, 45.9498
YIQ	131.6660, -27.8780, 9.6420

Conversions

Conversions Part 2

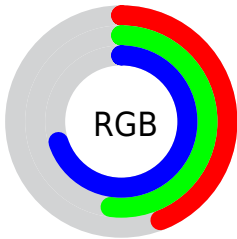
Format	Color
R_{YB}	111, 128, 179
Decimal	7308723
CIE _{Lab}	55.49, 3.78, -26.76
CIE _{LCh}	55, 27.021, 278.052
Yxy	23.4092, 0.2497, 0.2532
Android (android.graphics.Color)	4285498803 (0xFF6F85B3)
YUV	131.6660, 23.3357, -18.1241
Hunter-Lab	48.3831, 0.4779, -22.4400

Details

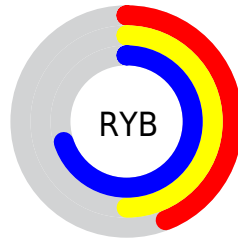
The Hex color **6F85B3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B39D6F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A5BAEB**, and **3B547E** is the 20% darker color. If you saturate the color by 10%, you get **5D79B3**, and if you desaturate by 10%, it is **8191B3**.

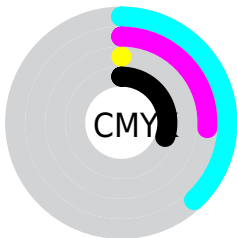
Distribution



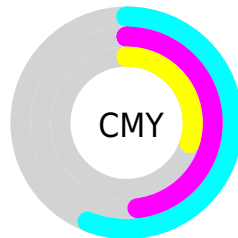
- Red (44%)
- Green (52%)
- Blue (70%)



- Red (44%)
- Yellow (50%)
- Blue (70%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F85B3 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 6F85B3 by changing the saturation by 10% instead.



6F85B3



6F85B3

FFFFFF



556C98



A5BAEB



3B547E



C0D6FF



213D65



DDF2FF



00274D



FAFFFF



001336



000220



000004



000000



6F85B3



6F85B3

■ 5D79B3

■ 8191B3

■ 4B6DB3

■ 939DB3

■ 3961B3

■ A5A9B3

■ 2755B3

■ B7B5B3

■ 1648B3

■ C8C2B3

■ 043CB3

■ DACEB3

■ 003AB3

■ ECDAB3

■ FEE6B3

■ FFF2B3

Harmonies

Analogous

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



4B8CB0



6F85B3



907DAA

Triad

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



6F85B3



B17669



599073

Complementary

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



6F85B3



B39D6F

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.



758C5F



6F85B3



A47E5A

Square

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



6F85B3



B3737F



8F8556



3F928B

Rectangle

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



6F85B3



A1789E



8F8556



638F6B

Sweetspot

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



6F85B3



CFD7E8



6FB39C



666B75



F5F5F5



757575

Same Dimension

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



6F85B3



7DA0E8



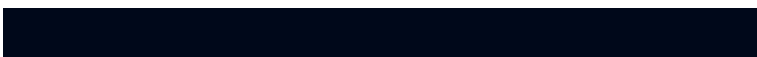
7A6FB3



505359



003299



00081A

Inverse Universe

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



B36F85



E87DA0



A8B36F



595053



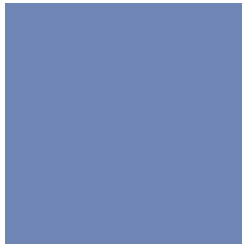
990031



1A0008

Previews

White Background



This preview shows how the Hex color 6F85B3 looks on a white background.

Color Contrast Check

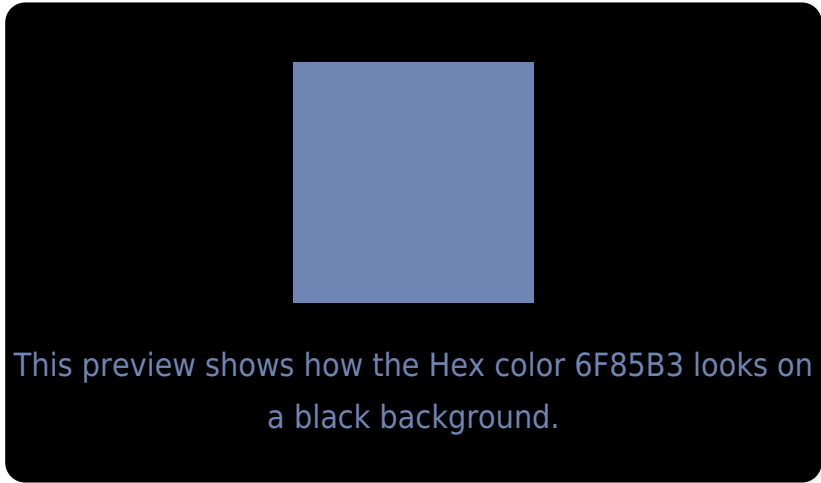
Large Text (above 18pt) WCAG AA ✓ Pass

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

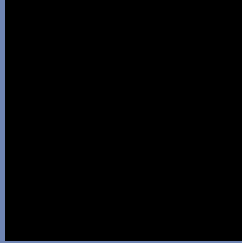
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

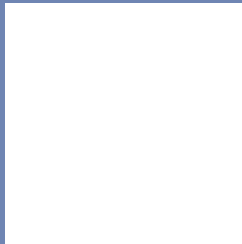
Any Text WCAG AAA × Fail

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

Hex 6F85B3 Background



This preview shows how black text looks on a background with the Hex color 6F85B3.

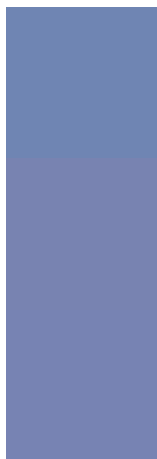


This preview shows how white text looks on a background with the Hex color 6F85B3.

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


6F85B3

Protanopia

7883B1

Deuteranopia

7783B3



Tritanopia
688A96

Trichromacy



Original Color
6F85B3

Protanomaly
7584B2

Deuteranomaly
7484B3

Tritanomaly
6B88A1

Monochromacy



Original Color
6F85B3

Achromatopsia
848484

Achromatomaly
7C8495

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F85B3 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 #6F85B3 looks like.

```
.text, #text, p{  
    color:#6F85B3  
}
```

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 #6F85B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F85B3
}
```

Border

The CSS property to change the border of an element to Hex 6F85B3 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
#6F85B3 }
```

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

```
.border{ border-color:#6F85B3 }
```

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

Here you see how a box with a 4 pixel #6F85B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F85B3; -webkit-box-shadow:4px 4px  
4px 4px #6F85B3; box-shadow:4px 4px 4px  
4px #6F85B3 }
```

Background

The CSS property to change the background color of an element to Hex 6F85B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F85B3 }
```

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

```
.background{ background-color:#6F85B3 }
```

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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