

Converting Colors

Hex(6F83C3)

Have a look what the booklet for
Hex(6F83C3) contains.

Hex(6F83C3)	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(6F83C3)

Conversions

Conversions Part 1

Format	Color
Hex	6F83C3
RGB	111, 131, 195
RGB Percent	44%, 51%, 76%
CMY	0.5647, 0.4863, 0.2353
CMYK	0.43, 0.33, 0.00, 0.24
HSL	226°, 41%, 60%
HSV	226°, 43%, 76%
XYZ	24.5222, 23.5522, 54.8833
YIQ	132.3160, -32.4640, 15.6640

Conversions

Conversions Part 2

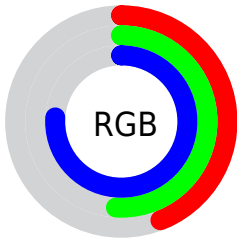
Format	Color
R_{YB}	111, 127, 195
Decimal	7308227
CIE Lab	55.64, 9.53, -35.66
CIE LCh	56, 36.908, 284.958
Yxy	23.5522, 0.2382, 0.2288
Android (android.graphics.Color)	4285498307 (0xFF6F83C3)
YUV	132.3160, 30.9032, -18.6941
Hunter-Lab	48.5306, 5.2661, -33.0796

Details

The Hex color **6F83C3** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **C3AF6F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6B8FC**, and **39528D** is the 20% darker color. If you saturate the color by 10%, you get **5B74C3**, and if you desaturate by 10%, it is **8392C3**.

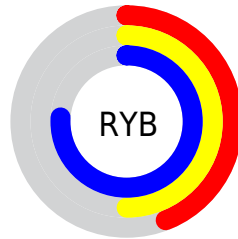
Distribution



Red (44%)

Green (51%)

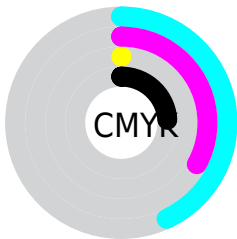
Blue (76%)



Red (44%)

Yellow (50%)

Blue (76%)

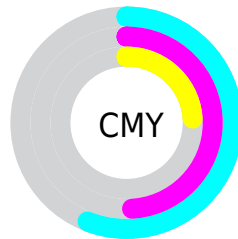


Cyan (43%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F83C3 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 6F83C3 by changing the saturation by 10% instead.

■ 6F83C3

■ 6F83C3

FFFFFF

■ 546AA8

■ A6B8FC

■ 39528D

■ C2D3FF

■ 1B3B73

■ DFF0FF

■ 00265A

■ FCFFFF

■ 001242

■ 00032C

■ 000116

■ 000000

■ 6F83C3

■ 6F83C3

■ 5B74C3

■ 8392C3

■ 4865C3

■ 96A1C3

■ 3556C3

■ AAB0C3

■ 2148C3

■ BDBEC3

■ 0E39C3

■ D0CDC3

■ 002EC3

■ E4DCC3

■ F7EBC3

■ FFFAC3

■ FFFFC3

Harmonies

Analogous

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



2B8DC3



6F83C3



9D77B3

Triad

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



6F83C3



BC7359



389574

Complementary

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



6F83C3



C3AF6F

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.



669057



6F83C3



A77E47

Square

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



6F83C3



C36C76



8A8946



009695

Rectangle

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



6F83C3



B270A1



8A8946



499469

Sweetspot

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



6F83C3



DCE3FC



6FC3AE



6B7080



000000



808080

Same Dimension

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



6F83C3



7998FC



846FC3



575A61



0026A1



000821

Inverse Universe

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



C36F83



FC7998



AEC36F



61575A



A10026



210008

Previews

White Background



This preview shows how the Hex color 6F83C3 looks on a white background.

Color Contrast Check

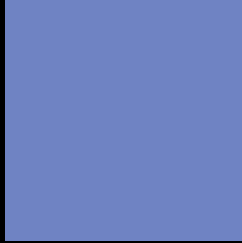
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F83C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

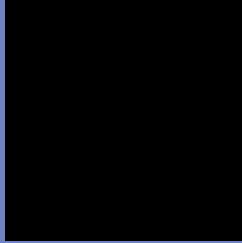
Any Text WCAG AA ✓ Pass

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 6F83C3 Background



This preview shows how black text looks on a background with the Hex color 6F83C3.



This preview shows how white text looks on a background with the Hex color 6F83C3.

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
6F83C3

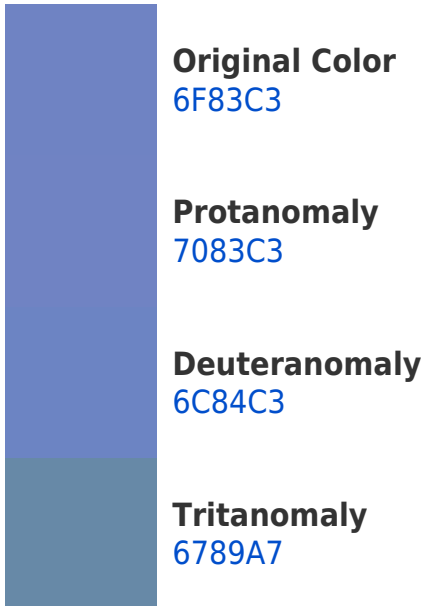
Protanopia
7083C3

Deuteranopia
6B84C3



Tritanopia
638C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F83C3 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 #6F83C3 looks like.

```
.text, #text, p{  
    color:#6F83C3  
}
```

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 #6F83C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F83C3
}
```

Border

The CSS property to change the border of an element to Hex 6F83C3 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
#6F83C3 }
```

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

```
.border{ border-color:#6F83C3 }
```

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

Here you see how a box with a 4 pixel #6F83C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F83C3; -webkit-box-shadow:4px 4px  
4px 4px #6F83C3; box-shadow:4px 4px 4px  
4px #6F83C3 }
```

Background

The CSS property to change the background color of an element to Hex 6F83C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F83C3 }
```

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

```
.background{ background-color:#6F83C3 }
```

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