

Converting Colors

Hex(6F5C99)

Have a look what the booklet for
Hex(6F5C99) contains.

Hex(6F5C99)	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(6F5C99)

Conversions

Conversions Part 1

Format	Color
Hex	6F5C99
RGB	111, 92, 153
RGB Percent	44%, 36%, 60%
CMY	0.5647, 0.6392, 0.4000
CMYK	0.27, 0.40, 0.00, 0.40
HSL	259°, 25%, 48%
HSV	259°, 40%, 60%
XYZ	16.1325, 13.3337, 31.8604
YIQ	104.6350, -8.2570, 22.9990

Conversions

Conversions Part 2

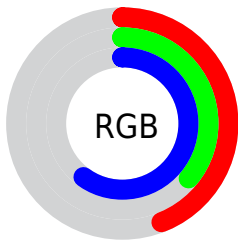
Format	Color
R_{YB}	111, 92, 153
Decimal	7298201
CIE _{Lab}	43.26, 21.40, -30.60
CIE _{LCh}	43, 37.342, 304.962
Yxy	13.3337, 0.2631, 0.2174
Android (android.graphics.Color)	4285488281 (0xFF6F5C99)
YUV	104.6350, 23.8439, 5.5821
Hunter-Lab	36.5153, 14.9593, -26.1710

Details

The Hex color **6F5C99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86995C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A48ED0**, and **3D2E66** is the 20% darker color. If you saturate the color by 10%, you get **644D99**, and if you desaturate by 10%, it is **7A6B99**.

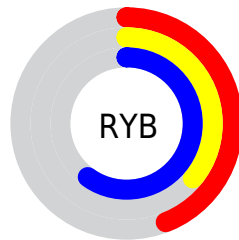
Distribution



Red (44%)

Green (36%)

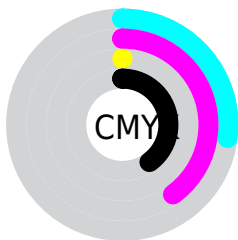
Blue (60%)



Red (44%)

Yellow (36%)

Blue (60%)

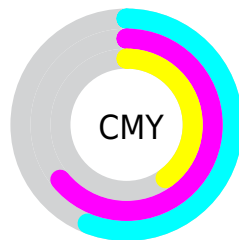


Cyan (27%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F5C99 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 6F5C99 by changing the saturation by 10% instead.

6F5C99

6F5C99

FFFFFF

56447F

A48ED0

3D2E66

C0A9EC

25194D

DCC4FF

0F0036

F9E0FF

000220

FFFDFF

000004

000000

6F5C99

6F5C99

644D99

7A6B99

■ 5A3D99

■ 847B99

■ 4F2E99

■ 8F8A99

■ 451F99

■ 999999

■ 3A0F99

■ A4A999

■ 300099

■ AEB899

■ B9C799

■ C3D699

■ CEE699

Harmonies

Analogous

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



3768A4



6F5C99



905081

Triad

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



6F5C99



8D5B2E



00766B

Complementary

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



6F5C99



86995C

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.



26744B



6F5C99



736626

Square

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



6F5C99



9D5044



536F31



007589

Rectangle

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



6F5C99



9C4C6D



536F31



007560

Sweetspot

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



6F5C99



B6AFC7



5C8799



5A5663



E3E3E3



636363

Same Dimension

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



6F5C99



8567C7



8D5C99



47454D



2C008C



04000D

Inverse Universe

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



995C86



C767A9



68995C



4D454A



8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 6F5C99 looks on a white background.

Color Contrast Check

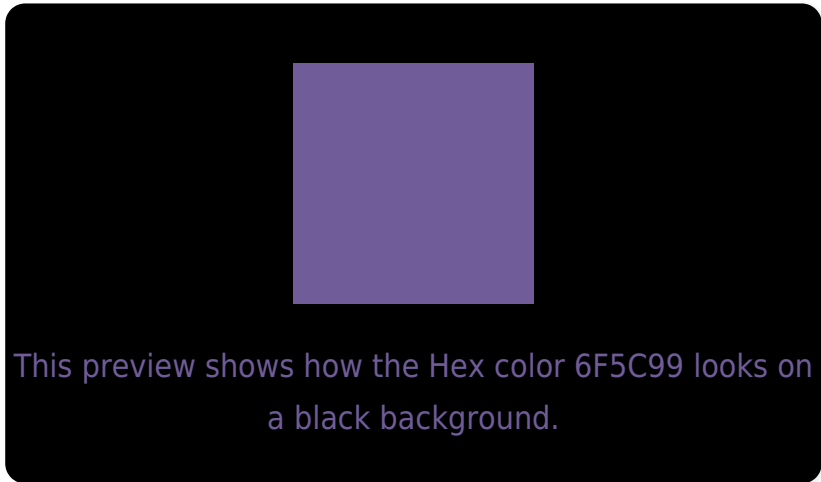
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

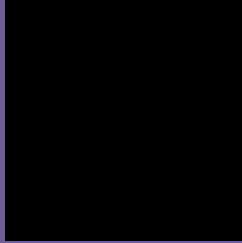
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6F5C99 Background



This preview shows how black text looks on a background with the Hex color 6F5C99.

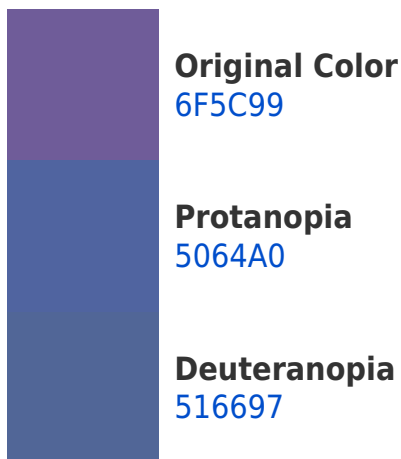



This preview shows how white text looks on a background with the Hex color 6F5C99.

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
67656D

Trichromacy



Original Color
6F5C99

Protanomaly
5B619D

Deuteranomaly
5C6298

Tritanomaly
6A627D

Monochromacy



Original Color
6F5C99

Achromatopsia
696969

Achromatomaly
6B647A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F5C99 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 #6F5C99 looks like.

```
.text, #text, p{  
    color:#6F5C99  
}
```

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 #6F5C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5C99
}
```

Border

The CSS property to change the border of an element to Hex 6F5C99 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
#6F5C99 }
```

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

```
.border{ border-color:#6F5C99 }
```

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

Here you see how a box with a 4 pixel #6F5C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5C99; -webkit-box-shadow:4px 4px  
4px 4px #6F5C99; box-shadow:4px 4px 4px  
4px #6F5C99 }
```

Background

The CSS property to change the background color of an element to Hex 6F5C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5C99 }
```

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

```
.background{ background-color:#6F5C99 }
```

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