

Converting Colors

Hex(6F5EC7)

Have a look what the booklet for
Hex(6F5EC7) contains.

Hex(6F5EC7)	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(6F5EC7)

Conversions

Conversions Part 1

Format	Color
Hex	6F5EC7
RGB	111, 94, 199
RGB Percent	44%, 37%, 78%
CMY	0.5647, 0.6314, 0.2196
CMYK	0.44, 0.53, 0.00, 0.22
HSL	250°, 48%, 57%
HSV	250°, 53%, 78%
XYZ	20.8671, 15.5084, 55.9264
YIQ	111.0530, -23.5730, 36.2590

Conversions

Conversions Part 2

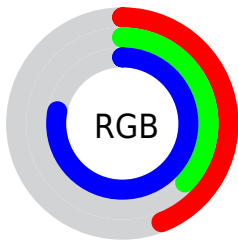
Format	Color
R_{YB}	111, 94, 199
Decimal	7298759
CIE _{Lab}	46.32, 33.00, -52.72
CIE _{LCh}	46, 62.194, 302.045
Yxy	15.5084, 0.2261, 0.1680
Android (android.graphics.Color)	4285488839 (0xFF6F5EC7)
YUV	111.0530, 43.3579, -0.0465
Hunter-Lab	39.3808, 25.6672, -56.6340

Details

The Hex color **6F5EC7** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **B6C75E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A791FF**, and **362F90** is the 20% darker color. If you saturate the color by 10%, you get **5E4AC7**, and if you desaturate by 10%, it is **8072C7**.

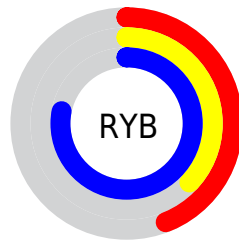
Distribution



Red (44%)

Green (37%)

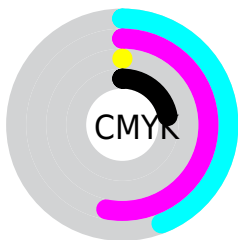
Blue (78%)



Red (44%)

Yellow (37%)

Blue (78%)

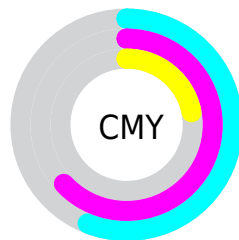


Cyan (44%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (63%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F5EC7 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 6F5EC7 by changing the saturation by 10% instead.

■ 6F5EC7

■ 6F5EC7

FFFFFF

■ 5346AB

■ A791FF

■ 362F90

■ C4ABFF

■ 131A76

■ E1C7FF

■ 00055D

■ FFE3FF

■ 000044

■ 00032D

■ 000117

■ 000000

■ 6F5EC7

■ 6F5EC7

■ 5E4AC7

■ 8072C7

■ 4E36C7

■ 9086C7

■ 3D22C7

■ A19AC7

■ 2C0EC7

■ B2AEC7

■ 2000C7

■ C2C2C7

■ D3D5C7

■ E4E9C7

■ F4FDC7

■ FFFFC7

Harmonies

Analogous

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



0073D7



6F5EC7



AE43A0

Triad

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



6F5EC7



AA5801



008570

Complementary

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



6F5EC7



B6C75E

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.



008239



6F5EC7



816D00

Square

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



6F5EC7



C43E3A



4C7A00



0084A4

Rectangle

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



6F5EC7



C3347E



4C7A00



00845E

Sweetspot

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



6F5EC7



DDD6FF



5EB7C7



6B6780



000000



808080

Same Dimension

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



6F5EC7



785EFF



A25EC7



5B5A63



1A00A3



060024

Inverse Universe

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



C75EB6



FF5EE5



83C75E



635A62



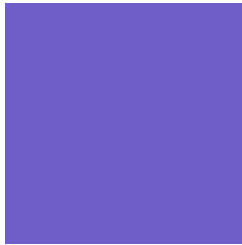
A30089



24001E

Previews

White Background



This preview shows how the Hex color 6F5EC7 looks on a white background.

Color Contrast Check

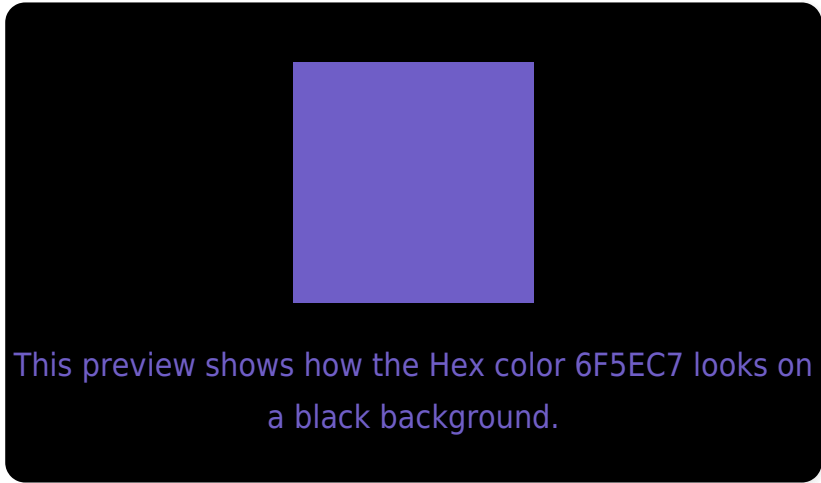
Large Text (above 18pt) WCAG AA ✓ Pass

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

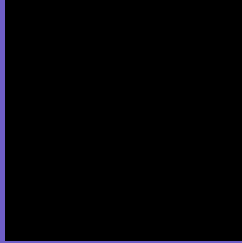
Any Text WCAG AA × Fail

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 6F5EC7 Background



This preview shows how black text looks on a background with the Hex color 6F5EC7.

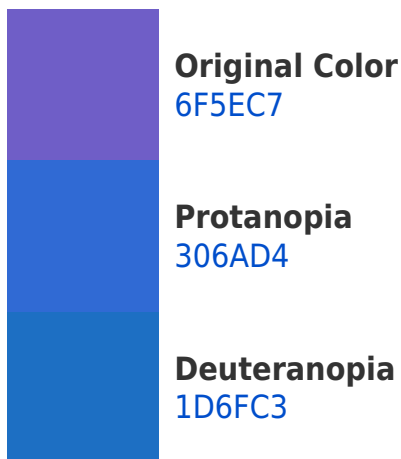


This preview shows how white text looks on a background with the Hex color 6F5EC7.

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](#).

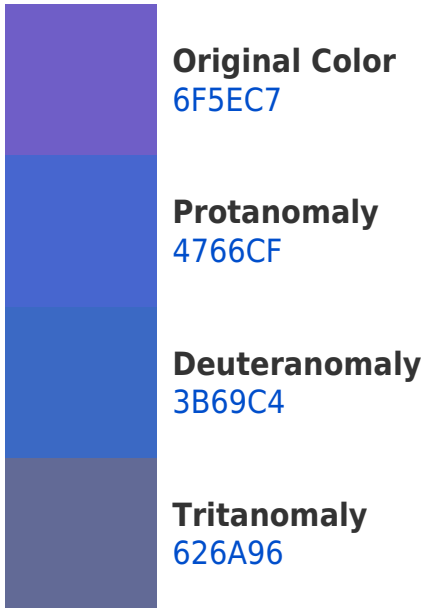
Dichromacy



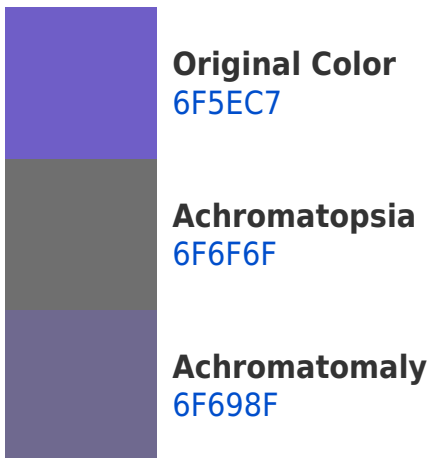


Tritanopia
5B717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F5EC7 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 #6F5EC7 looks like.

```
.text, #text, p{  
    color:#6F5EC7  
}
```

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 #6F5EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5EC7
}
```

Border

The CSS property to change the border of an element to Hex 6F5EC7 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
#6F5EC7 }
```

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

```
.border{ border-color:#6F5EC7 }
```

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

Here you see how a box with a 4 pixel #6F5EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5EC7; -webkit-box-shadow:4px 4px  
4px 4px #6F5EC7; box-shadow:4px 4px 4px  
4px #6F5EC7 }
```

Background

The CSS property to change the background color of an element to Hex 6F5EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5EC7 }
```

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

```
.background{ background-color:#6F5EC7 }
```

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