

Converting Colors

Hex(6F7CAC)

Have a look what the booklet for
Hex(6F7CAC) contains.

Hex(6F7CAC)	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(6F7CAC)

Conversions

Conversions Part 1

Format	Color
Hex	6F7CAC
RGB	111, 124, 172
RGB Percent	44%, 49%, 67%
CMY	0.5647, 0.5137, 0.3255
CMYK	0.35, 0.28, 0.00, 0.33
HSL	227°, 27%, 55%
HSV	227°, 35%, 67%
XYZ	21.2096, 20.7734, 41.9215
YIQ	125.5850, -23.1560, 12.1720

Conversions

Conversions Part 2

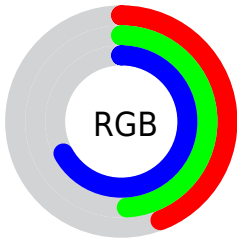
Format	Color
RYB	111, 122, 172
Decimal	7306412
CIELab	52.70, 7.15, -27.05
CIElCh	53, 27.977, 284.808
Yxy	20.7734, 0.2528, 0.2476
Android (android.graphics.Color)	4285496492 (0xFF6F7CAC)
YUV	125.5850, 22.8826, -12.7910
Hunter-Lab	45.5778, 3.3036, -22.6292

Details

The Hex color **6F7CAC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AC9F6F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A4B0E4**, and **3C4B77** is the 20% darker color. If you saturate the color by 10%, you get **5E6EAC**, and if you desaturate by 10%, it is **808AAC**.

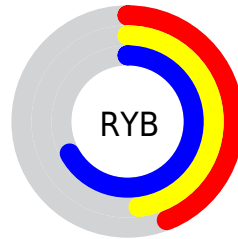
Distribution



Red (44%)

Green (49%)

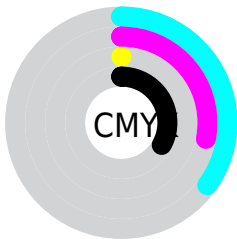
Blue (67%)



Red (44%)

Yellow (48%)

Blue (67%)

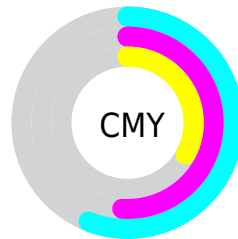


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7CAC 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 6F7CAC by changing the saturation by 10% instead.

■ 6F7CAC

■ 6F7CAC

FFFFFF

■ 556391

■ A4B0E4

■ 3C4B77

■ C0CCFF

■ 23355F

■ DCE8FF

■ 052047

■ F9FFFF

■ 000830

■ 00011B

■ 000000

■ 6F7CAC

■ 6F7CAC

■ 5E6EAC

■ 808AAC

■ 4D61AC

■ 9197AC

■ 3B53AC

■ A3A5AC

■ 2A46AC

■ B4B2AC

■ 1938AC

■ C5C0AC

■ 082BAC

■ D6CDAC

■ 0025AC

■ E7DBAC

■ F9E8AC

■ FFF6AC

Harmonies

Analogous

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



4884AC



6F7CAC



9073A0

Triad

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



6F7CAC



A8705D



4A8A70

Complementary

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



6F7CAC



AC9F6F

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.



67865B



6F7CAC



997850

Square

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



6F7CAC



AD6C73



82804F



2D8B89

Rectangle

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



6F7CAC



9F6F93



82804F



548969

Sweetspot

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



6F7CAC



C8CDE0



6FAC9F



626570



F0F0F0



707070

Same Dimension

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



6F7CAC



8094E0



806FAC



4E5057



002096



000517

Inverse Universe

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



AC6F7C



E08094



9BAC6F



574E50



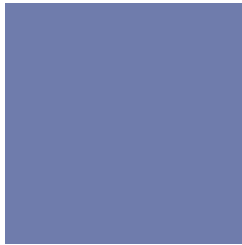
960020



170005

Previews

White Background



This preview shows how the Hex color 6F7CAC looks on a white background.

Color Contrast Check

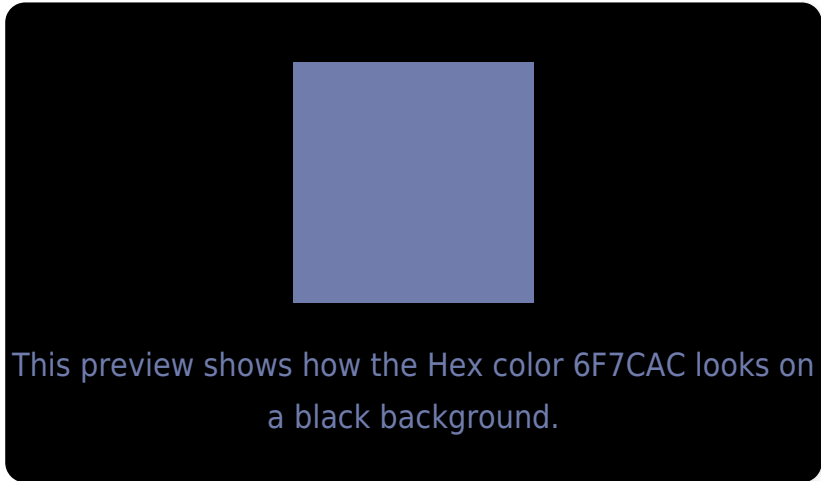
Large Text (above 18pt) WCAG AA ✓ Pass

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

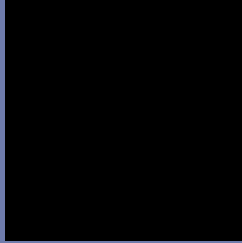
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

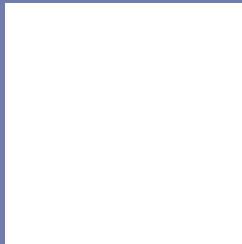
Any Text WCAG AAA × Fail

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

Hex 6F7CAC Background



This preview shows how black text looks on a background with the Hex color 6F7CAC.



This preview shows how white text looks on a background with the Hex color 6F7CAC.

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
6F7CAC

Protanopia
6F7CAC

Deuteranopia
6F7CAC



Tritanopia
68828C

Trichromacy



Original Color
6F7CAC

Protanomaly
6F7CAC

Deuteranomaly
6F7CAC

Tritanomaly
6B8098

Monochromacy



Original Color
6F7CAC

Achromatopsia
7E7E7E

Achromatomaly
797D8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7CAC 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 #6F7CAC looks like.

```
.text, #text, p{  
    color:#6F7CAC  
}
```

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 #6F7CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7CAC
}
```

Border

The CSS property to change the border of an element to Hex 6F7CAC 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
#6F7CAC }
```

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

```
.border{ border-color:#6F7CAC }
```

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

Here you see how a box with a 4 pixel #6F7CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7CAC; -webkit-box-shadow:4px 4px  
4px 4px #6F7CAC; box-shadow:4px 4px 4px  
4px #6F7CAC }
```

Background

The CSS property to change the background color of an element to Hex 6F7CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7CAC }
```

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

```
.background{ background-color:#6F7CAC }
```

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