

Converting Colors

Hex(6F4798)

Have a look what the booklet for
Hex(6F4798) contains.

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Color

Hex(6F4798)

Conversions

Conversions Part 1

Format	Color
Hex	6F4798
RGB	111, 71, 152
RGB Percent	44%, 28%, 60%
CMY	0.5647, 0.7216, 0.4039
CMYK	0.27, 0.53, 0.00, 0.40
HSL	270°, 36%, 44%
HSV	270°, 53%, 60%
XYZ	14.4763, 10.1530, 30.9025
YIQ	92.1940, -2.1610, 33.6710

Conversions

Conversions Part 2

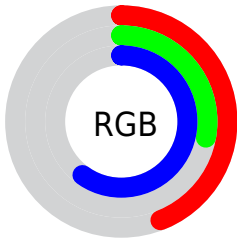
Format	Color
R_{YB}	111, 71, 152
Decimal	7292824
CIE _{Lab}	38.12, 33.76, -38.13
CIE _{LCh}	38, 50.930, 311.523
Yxy	10.1530, 0.2607, 0.1828
Android (android.graphics.Color)	4285482904 (0xFF6F4798)
YUV	92.1940, 29.4844, 16.4929
Hunter-Lab	31.8637, 25.3342, -35.1968

Details

The Hex color **6F4798** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **709847**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A579CF**, and **3C1864** is the 20% darker color. If you saturate the color by 10%, you get **673898**, and if you desaturate by 10%, it is **775698**.

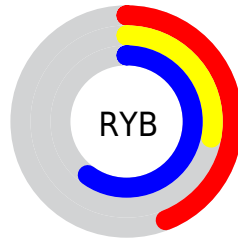
Distribution



Red (44%)

Green (28%)

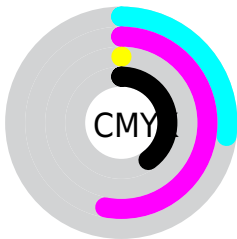
Blue (60%)



Red (44%)

Yellow (28%)

Blue (60%)

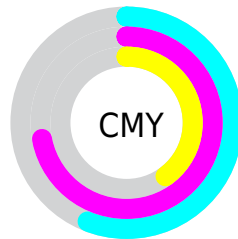


Cyan (27%)

Magenta (53%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (72%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F4798 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 6F4798 by changing the saturation by 10% instead.

6F4798

6F4798

FFFFFF

552F7E

A579CF

3C1864

C193EB

22024C

DDAEFF

0C0035

FAC9FF

00021E

FFE6FF

000001

000000

6F4798

6F4798

673898

775698

602998

7E6598

581998

867598

500A98

8E8498

4B0098

959398

9DA298

A5B198

ADC198

B4D098

Harmonies

Analogous

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



0059AB



6F4798



963375

Triad

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



6F4798



814E00



006C69

Complementary

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



6F4798



709847

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.



006B3E



6F4798



5E5D00

Square

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



6F4798



9A3B25



2F6614



006B90

Rectangle

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



6F4798



A12D59



2F6614



006C5B

Sweetspot

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



6F4798



B4A5C4



477198



5A5163



E3E3E3



636363

Same Dimension

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



6F4798



8547C4



974798



49454D



45008C



06000D

Inverse Universe

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



984770



C44786



489847



4D4549



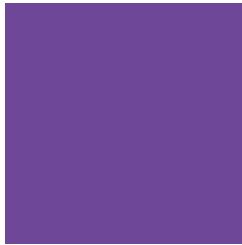
8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 6F4798 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

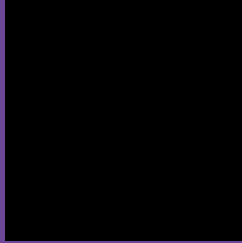
Any Text WCAG AA × Fail

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 6F4798 Background



This preview shows how black text looks on a background with the Hex color 6F4798.

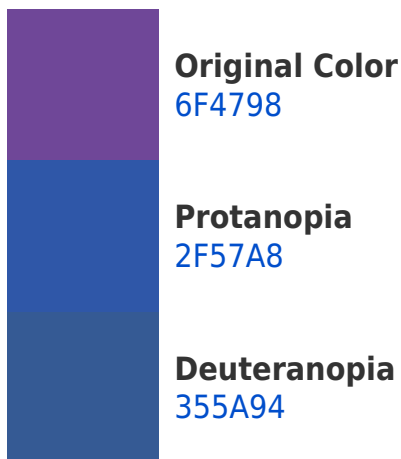



This preview shows how white text looks on a background with the Hex color 6F4798.

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
64565D

Trichromacy



Original Color
6F4798

Protanomaly
4651A2

Deuteranomaly
4A5395

Tritanomaly
685172

Monochromacy



Original Color
6F4798

Achromatopsia
5C5C5C

Achromatomaly
635472

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F4798 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 #6F4798 looks like.

```
.text, #text, p{  
    color:#6F4798  
}
```

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 #6F4798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4798
}
```

Border

The CSS property to change the border of an element to Hex 6F4798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

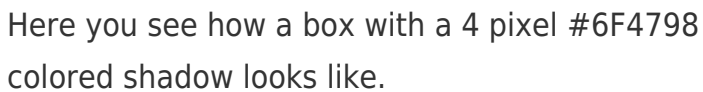
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4798 }
```

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

```
.border{ border-color:#6F4798 }
```

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



Here you see how a box with a 4 pixel #6F4798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4798; -webkit-box-shadow:4px 4px  
4px 4px #6F4798; box-shadow:4px 4px 4px  
4px #6F4798 }
```

Background

The CSS property to change the background color of an element to Hex 6F4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4798 }
```

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

```
.background{ background-color:#6F4798 }
```

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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