

# Converting Colors

Hex(6F4B84)

Have a look what the booklet for  
Hex(6F4B84) contains.

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# Color

**Hex(6F4B84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4B84
RGB	111, 75, 132
RGB Percent	44%, 29%, 52%
CMY	0.5647, 0.7059, 0.4824
CMYK	0.16, 0.43, 0.00, 0.48
HSL	278°, 28%, 41%
HSV	278°, 43%, 52%
XYZ	13.2365, 10.0776, 23.0773
YIQ	92.2620, 3.1590, 25.3590

# Conversions

## Conversions Part 2

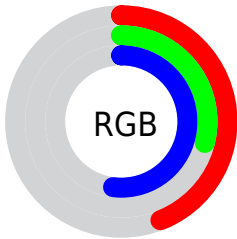
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 75, 132
Decimal	7293828
CIE Lab	37.98, 26.49, -26.17
CIE LCh	38, 37.239, 315.344
Yxy	10.0776, 0.2853, 0.2172
Android (android.graphics.Color)	4285483908 (0xFF6F4B84)
YUV	92.2620, 19.5908, 16.4332
Hunter-Lab	31.7452, 18.8731, -20.8794

# Details

The Hex color **6F4B84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **60844B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A47DB9**, and **3E1D52** is the 20% darker color. If you saturate the color by 10%, you get **6A3E84**, and if you desaturate by 10%, it is **745884**.

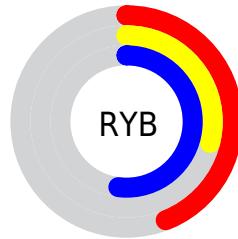
# Distribution



Red (44%)

Green (29%)

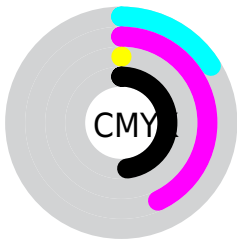
Blue (52%)



Red (44%)

Yellow (29%)

Blue (52%)

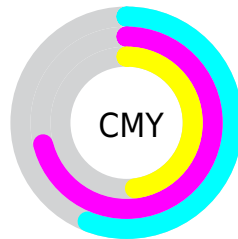


Cyan (16%)

Magenta (43%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (71%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4B84 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 6F4B84 by changing the saturation by 10% instead.



6F4B84

6F4B84

FFFFFF

56346B

A47DB9

3E1D52

BF97D5

26073B

DBB2F2

110025

F8CFFF

00010D

FFFAFF

000000

6F4B84

6F4B84

6A3E84

745884

653184

796584

602384

7E7384

5C1684

828084

570984

878D84

530084

8C9A84

91A784

96B584

9BC284

# Harmonies

## Analogous

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



405794



6F4B84



894169

# Triad

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



6F4B84



76531D



006868

# Complementary

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



6F4B84



60844B

# 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.



006749



6F4B84



5B5D1B

# Square

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



6F4B84



8A4730



39642D



006684

# Rectangle

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



6F4B84



903E55



39642D



00685E



# Sweetspot

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



6F4B84



A395AB



4B6184



524957



D6D6D6



575757



# Same Dimension

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



6F4B84



8A52AB



844B7D



403C42



520082



020003



# Inverse Universe

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



844B60



AB5273



4B8452



423C3E



820030



030001



# Previews

## White Background



This preview shows how the Hex color 6F4B84 looks on a white background.

## Color Contrast Check

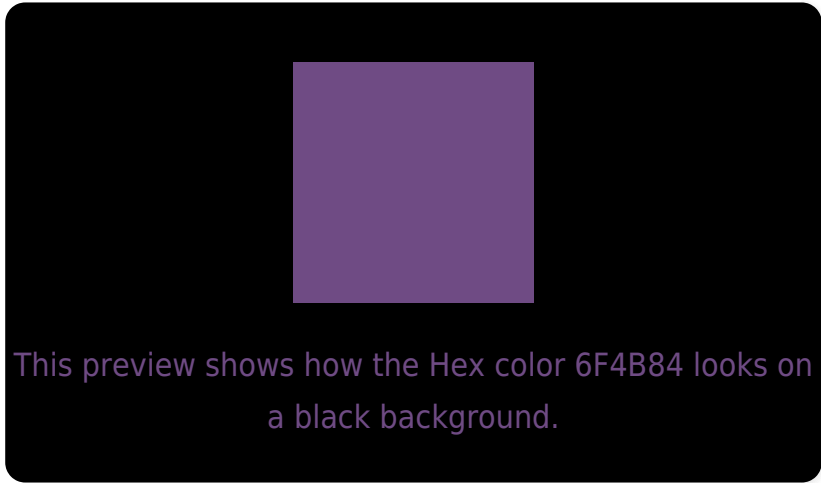
Large Text (above 18pt) WCAG AA ✓ Pass

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

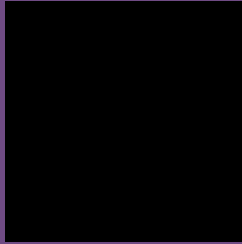
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F4B84 Background



This preview shows how black text looks on a background with the Hex color 6F4B84.

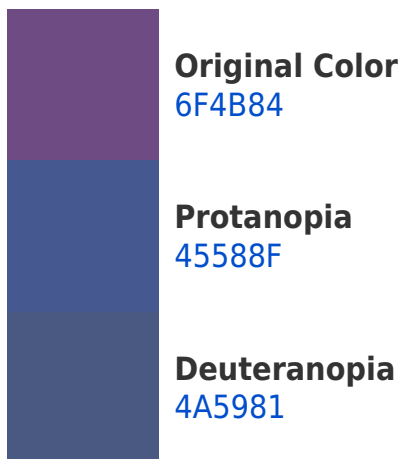


This preview shows how white text looks on a background with the Hex color 6F4B84.

# 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**  
69545B

# Trichromacy



**Original Color**  
6F4B84

**Protanomaly**  
54538B

**Deuteranomaly**  
575482

**Tritanomaly**  
6B516A

# Monochromacy



**Original Color**  
6F4B84

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
63566B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4B84 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 #6F4B84 looks like.

```
.text, #text, p{  
    color:#6F4B84  
}
```

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 #6F4B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4B84
}
```

## Border

The CSS property to change the border of an element to Hex 6F4B84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

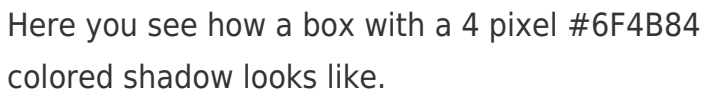
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4B84 }
```

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

```
.border{ border-color:#6F4B84 }
```

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



Here you see how a box with a 4 pixel #6F4B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4B84; -webkit-box-shadow:4px 4px  
4px 4px #6F4B84; box-shadow:4px 4px 4px  
4px #6F4B84 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4B84 }
```

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

```
.background{ background-color:#6F4B84 }
```

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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