

# Converting Colors

Hex(6F4D9A)

Have a look what the booklet for  
Hex(6F4D9A) contains.

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# Color

**Hex(6F4D9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4D9A
RGB	111, 77, 154
RGB Percent	44%, 30%, 60%
CMY	0.5647, 0.6980, 0.3961
CMYK	0.28, 0.50, 0.00, 0.40
HSL	266°, 33%, 45%
HSV	266°, 50%, 60%
XYZ	15.0422, 11.0204, 31.9062
YIQ	95.9440, -4.4530, 31.1550

# Conversions

## Conversions Part 2

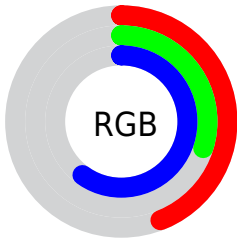
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 77, 154</a>
Decimal	<a href="#">7294362</a>
CIELab	<a href="#">39.61, 30.74, -36.95</a>
CIElCh	<a href="#">40, 48.066, 309.751</a>
Yxy	<a href="#">11.0204, 0.2595, 0.1901</a>
Android (android.graphics.Color)	<a href="#">4285484442 (0xFF6F4D9A)</a>
YUV	<a href="#">95.9440, 28.6216, 13.2041</a>
Hunter-Lab	<a href="#">33.1969, 22.7871, -33.7469</a>

# Details

The Hex color **6F4D9A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **789A4D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A57FD1**, and **3C1F66** is the 20% darker color. If you saturate the color by 10%, you get **663E9A**, and if you desaturate by 10%, it is **785C9A**.

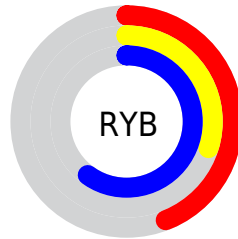
# Distribution



Red (44%)

Green (30%)

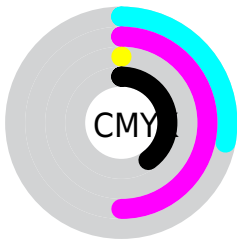
Blue (60%)



Red (44%)

Yellow (30%)

Blue (60%)

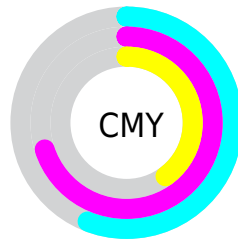


Cyan (28%)

Magenta (50%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (70%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4D9A 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 6F4D9A by changing the saturation by 10% instead.



6F4D9A

6F4D9A

FFFFFF

553580

A57FD1

3C1F66

C099ED

23084E

DDB4FF

100037

FAD0FF

000220

FFECFF

000004

000000

6F4D9A

6F4D9A

663E9A

785C9A

■ 5E2E9A

■ 806C9A

■ 551F9A

■ 897B9A

■ 4D0F9A

■ 918B9A

■ 44009A

■ 9A9A9A

■ A3A99A

■ ABB99A

■ B4C89A

■ BCD89A

# Harmonies

## Analogous

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



135EAB



6F4D9A



963C79

# Triad

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



6F4D9A



86520B



007069

# Complementary

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



6F4D9A



789A4D

# 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.



006E41



6F4D9A



656000

# Square

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



6F4D9A



9C412D



39691B



006E8F

# Rectangle

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



6F4D9A



A1355F



39691B



006F5C



# Sweetspot

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



6F4D9A



B9ABC9



4D799A



5C5466



E6E6E6



666666



# Same Dimension

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



6F4D9A



8651C9



954D9A



48454D



3E008C



06000D



# Inverse Universe

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



9A4D78



C95194



529A4D



4D4549



8C004E

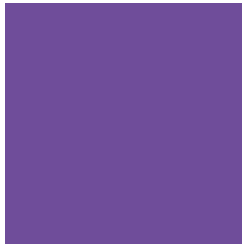


0D0007



# Previews

## White Background



This preview shows how the Hex color 6F4D9A 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 6F4D9A Background



This preview shows how black text looks on a background with the Hex color 6F4D9A.



This preview shows how white text looks on a background with the Hex color 6F4D9A.

# 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**  
6F4D9A

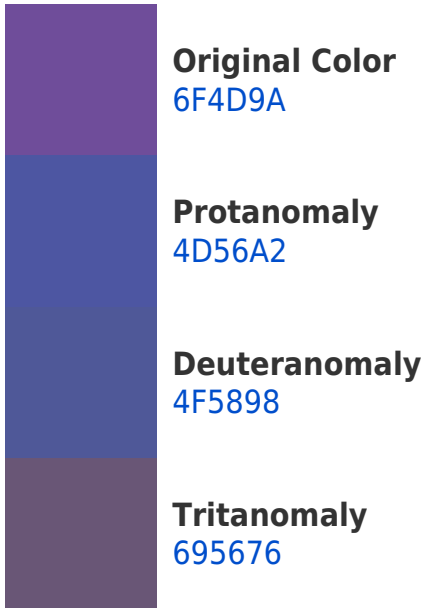
**Protanopia**  
395BA7

**Deuteranopia**  
3C5E97



**Tritanopia**  
655B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4D9A 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 #6F4D9A looks like.

```
.text, #text, p{  
    color:#6F4D9A  
}
```

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 #6F4D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4D9A
}
```

## Border

The CSS property to change the border of an element to Hex 6F4D9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

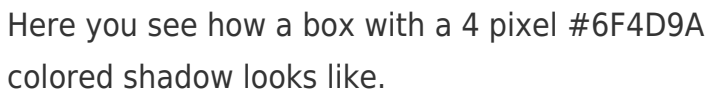
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4D9A }
```

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

```
.border{ border-color:#6F4D9A }
```

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



Here you see how a box with a 4 pixel #6F4D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4D9A; -webkit-box-shadow:4px 4px  
4px 4px #6F4D9A; box-shadow:4px 4px 4px  
4px #6F4D9A }
```

# Background

The CSS property to change the background color of an element to Hex 6F4D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4D9A }
```

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

```
.background{ background-color:#6F4D9A }
```

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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