

# Converting Colors

Hex(6F40B0)

Have a look what the booklet for  
Hex(6F40B0) contains.

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# Color

**Hex(6F40B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F40B0
RGB	111, 64, 176
RGB Percent	44%, 25%, 69%
CMY	0.5647, 0.7490, 0.3098
CMYK	0.37, 0.64, 0.00, 0.31
HSL	265°, 47%, 47%
HSV	265°, 64%, 69%
XYZ	16.2254, 10.1809, 42.1842
YIQ	90.8210, -7.9400, 44.7960

# Conversions

## Conversions Part 2

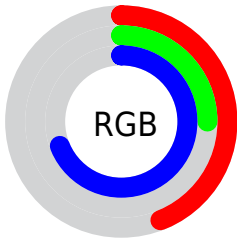
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 64, 176
Decimal	7291056
CIE <sub>Lab</sub>	38.17, 43.90, -52.41
CIE <sub>LCh</sub>	38, 68.367, 309.947
Yxy	10.1809, 0.2366, 0.1484
Android (android.graphics.Color)	4285481136 (0xFF6F40B0)
YUV	90.8210, 41.9932, 17.6970
Hunter-Lab	31.9075, 34.9316, -56.0508

# Details

The Hex color **6F40B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **81B040**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A772E8**, and **380E7A** is the 20% darker color. If you saturate the color by 10%, you get **652EB0**, and if you desaturate by 10%, it is **7952B0**.

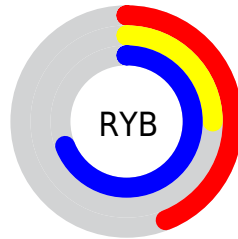
# Distribution



Red (44%)

Green (25%)

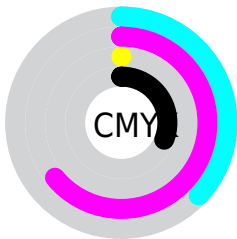
Blue (69%)



Red (44%)

Yellow (25%)

Blue (69%)

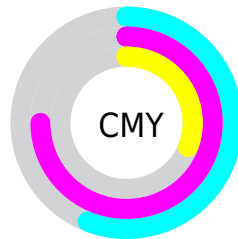


Cyan (37%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (75%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F40B0 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 6F40B0 by changing the saturation by 10% instead.



6F40B0

6F40B0

FFFFFF

542895

A772E8

380E7A

C38DFF

190061

E0A8FF

000049

FEC3FF

000431

FFDFFF

00011B

FFFCFF

000000

6F40B0

6F40B0

652EB0

7952B0

■ 5B1DB0

■ 8363B0

■ 500BB0

■ 8E75B0

■ 4A00B0

■ 9886B0

■ A298B0

■ ACAAB0

■ B6BBB0

■ C1CDB0

■ CBDEB0

# Harmonies

## Analogous

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



005BC9



6F40B0



A71181

# Triad

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



6F40B0



8C4900



00716C

# Complementary

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



6F40B0



81B040

# 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.



006E31



6F40B0



5E5E00

# Square

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



6F40B0



AC2613



136900



0070A1

# Rectangle

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



6F40B0



B6005D



136900



007058



# Sweetspot

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



6F40B0



CCBAE6



4081B0



635873



F2F2F2



737373



# Same Dimension

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



6F40B0



8037E6



A740B0



545059



400099



0B001A



# Inverse Universe

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



B04081



E6379C



49B040



595056



990059



1A000F



# Previews

## White Background



This preview shows how the Hex color 6F40B0 looks on a white background.

## Color Contrast Check

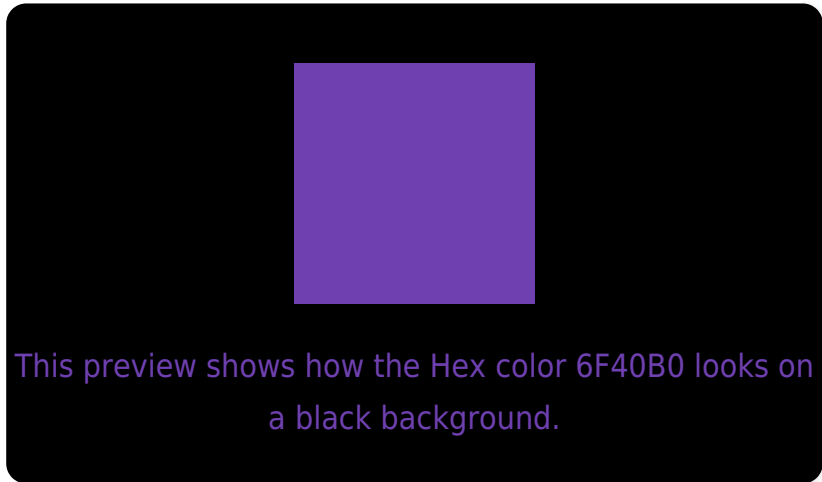
Large Text (above 18pt) WCAG AA ✓ Pass

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

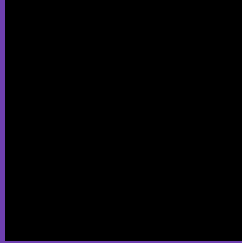
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F40B0 Background



This preview shows how black text looks on a background with the Hex color 6F40B0.

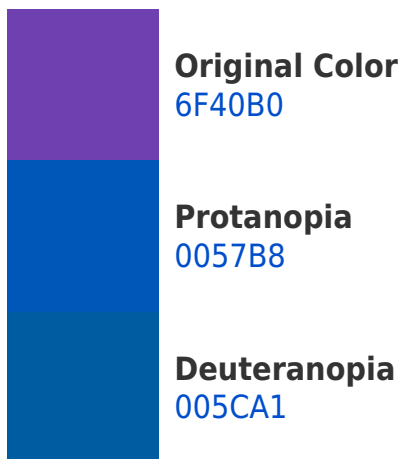



This preview shows how white text looks on a background with the Hex color 6F40B0.

# 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**  
5E585F

# Trichromacy



**Original Color**  
6F40B0

**Protanomaly**  
284FB5

**Deuteranomaly**  
2852A6

**Tritanomaly**  
644F7C

# Monochromacy



**Original Color**  
6F40B0

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
62517A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F40B0 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 #6F40B0 looks like.

```
.text, #text, p{  
    color:#6F40B0  
}
```

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 #6F40B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F40B0
}
```

## Border

The CSS property to change the border of an element to Hex 6F40B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

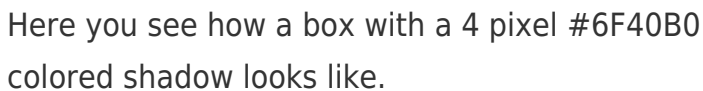
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F40B0 }
```

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

```
.border{ border-color:#6F40B0 }
```

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



Here you see how a box with a 4 pixel #6F40B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F40B0; -webkit-box-shadow:4px 4px  
4px 4px #6F40B0; box-shadow:4px 4px 4px  
4px #6F40B0 }
```

# Background

The CSS property to change the background color of an element to Hex 6F40B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F40B0 }
```

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

```
.background{ background-color:#6F40B0 }
```

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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