

# Converting Colors

Hex(6F0F77)

Have a look what the booklet for  
Hex(6F0F77) contains.

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# Color

**Hex(6F0F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F0F77
RGB	111, 15, 119
RGB Percent	44%, 6%, 47%
CMY	0.5647, 0.9412, 0.5333
CMYK	0.07, 0.87, 0.00, 0.53
HSL	295°, 78%, 26%
HSV	295°, 87%, 47%
XYZ	10.0561, 5.0531, 17.8981
YIQ	55.5600, 23.8320, 52.6960

# Conversions

## Conversions Part 2

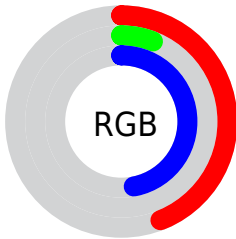
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	111, 15, 119
Decimal	7278455
CIE Lab	26.89, 51.63, -35.62
CIE LCh	27, 62.726, 325.401
Yxy	5.0531, 0.3047, 0.1531
Android (android.graphics.Color)	4285468535 (0xFF6F0F77)
YUV	55.5600, 31.2759, 48.6209
Hunter-Lab	22.4790, 40.5149, -31.4721

# Details

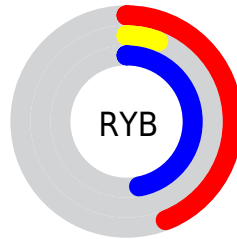
The Hex color **6F0F77** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **17770F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A64AAC**, and **3B0046** is the 20% darker color. If you saturate the color by 10%, you get **6E0377**, and if you desaturate by 10%, it is **701B77**.

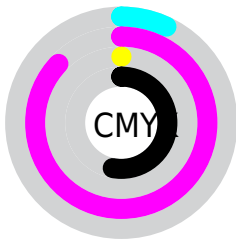
# Distribution



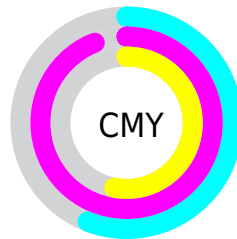
- Red (44%)
- Green (6%)
- Blue (47%)



- Red (44%)
- Yellow (6%)
- Blue (47%)



- Cyan (7%)
- Magenta (87%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (94%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F0F77 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 6F0F77 by changing the saturation by 10% instead.



6F0F77

6F0F77

FFFFFF

55005E

A64AAC

3B0046

C264C7

23002F

DF7FE4

000119

FC9AFF

000000

FFB6FF

FFD3FF

FFF0FF

6F0F77

6F0F77

■ 6E0377

■ 701B77

■ 6E0077

■ 712777

■ 723377

■ 733F77

■ 744A77

■ 745677

■ 756277

■ 766E77

■ 777A77

# Harmonies

## Analogous

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



103698



6F0F77



8C0049

# Triad

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



6F0F77



553B00



005268

# Complementary

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



6F0F77



17770F

# 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.



005136



6F0F77



264900

# Square

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



6F0F77



782200



004F00



00518F

# Rectangle

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



6F0F77



8F002A



004F00



005258



# Sweetspot

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



6F0F77



98739C



0F1877



4D374F



CFCFCF



4F4F4F



# Same Dimension

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



6F0F77



90009C



770F4C



3A353B



71007A



E700FA



# Inverse Universe

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



770F17



9C000C



0F773A



3B3535



7A0009

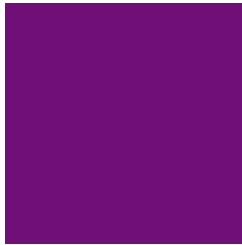


FA0013



# Previews

## White Background



This preview shows how the Hex color 6F0F77 looks on a white background.

## Color Contrast Check

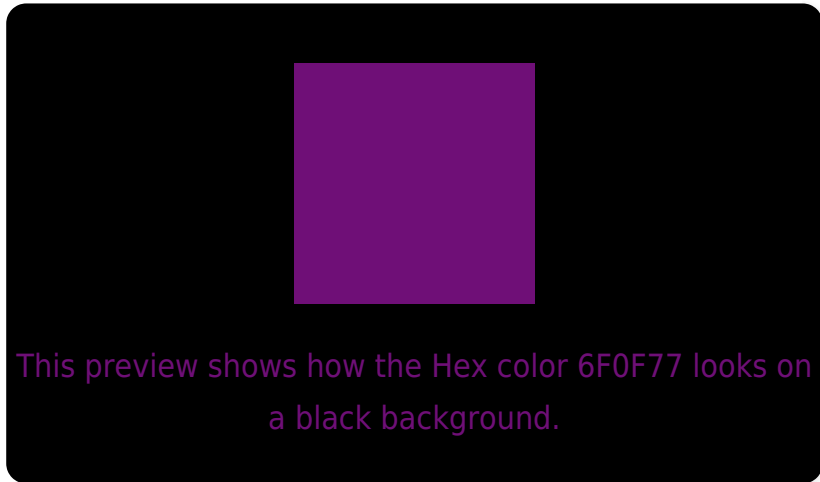
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

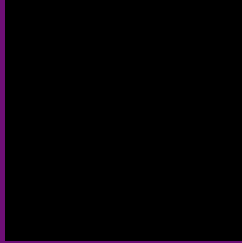
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F0F77 Background



This preview shows how black text looks on a background with the Hex color 6F0F77.



This preview shows how white text looks on a background with the Hex color 6F0F77.

# 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**  
6F0F77

**Protanopia**  
003F86

**Deuteranopia**  
1F4270



**Tritanopia**  
673033

# Trichromacy



**Original Color**  
6F0F77



**Protanomaly**  
282E81



**Deuteranomaly**  
3C2F73



**Tritanomaly**  
6A244C

# Monochromacy



**Original Color**  
6F0F77



**Achromatopsia**  
383838



**Achromatomaly**  
4C294F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F0F77 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 #6F0F77 looks like.

```
.text, #text, p{  
    color:#6F0F77  
}
```

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 #6F0F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F0F77
}
```

## Border

The CSS property to change the border of an element to Hex 6F0F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

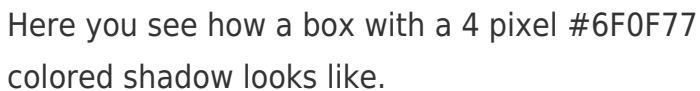
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F0F77 }
```

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

```
.border{ border-color:#6F0F77 }
```

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



Here you see how a box with a 4 pixel #6F0F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F0F77; -webkit-box-shadow:4px 4px  
4px 4px #6F0F77; box-shadow:4px 4px 4px  
4px #6F0F77 }
```

# Background

The CSS property to change the background color of an element to Hex 6F0F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F0F77 }
```

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

```
.background{ background-color:#6F0F77 }
```

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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