

Converting Colors

Hex(6B0F76)

Have a look what the booklet for
Hex(6B0F76) contains.

Hex(6B0F76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B0F76)

Conversions

Conversions Part 1

Format	Color
Hex	6B0F76
RGB	107, 15, 118
RGB Percent	42%, 6%, 46%
CMY	0.5804, 0.9412, 0.5373
CMYK	0.09, 0.87, 0.00, 0.54
HSL	294°, 77%, 26%
HSV	294°, 87%, 46%
XYZ	9.5042, 4.7755, 17.5604
YIQ	54.2500, 21.7690, 51.5370

Conversions

Conversions Part 2

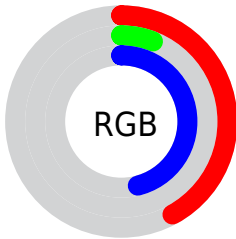
Format	Color
R_{YB}	107, 15, 118
Decimal	7016310
CIE _{Lab}	26.09, 50.67, -36.30
CIE _{LCh}	26, 62.337, 324.381
Yxy	4.7755, 0.2985, 0.1500
Android (android.graphics.Color)	4285206390 (0xFF6B0F76)
YUV	54.2500, 31.4288, 46.2617
Hunter-Lab	21.8528, 39.3910, -32.3470

Details

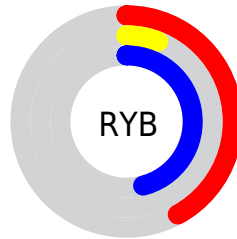
The Hex color **6B0F76** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1A760F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A249AB**, and **370045** is the 20% darker color. If you saturate the color by 10%, you get **6A0376**, and if you desaturate by 10%, it is **6C1B76**.

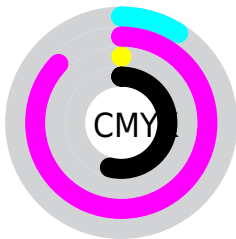
Distribution



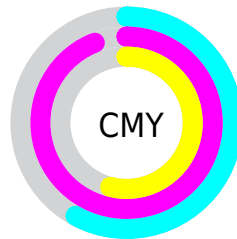
- Red (42%)
- Green (6%)
- Blue (46%)



- Red (42%)
- Yellow (6%)
- Blue (46%)



- Cyan (9%)
- Magenta (87%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (94%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0F76 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 6B0F76 by changing the saturation by 10% instead.

6B0F76

6B0F76

FFFFFF

51005D

A249AB

370045

BE63C6

20002E

DA7EE3

000118

F899FF

000000

FFB5FF

FFD1FF

FFEEFF

6B0F76

6B0F76

■ 6A0376

■ 6C1B76

■ 690076

■ 6E2776

■ 6F3276

■ 703E76

■ 714A76

■ 735676

■ 746276

■ 756D76

■ 767976

Harmonies

Analogous

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



003696



6B0F76



890049

Triad

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



6B0F76



543900



005064

Complementary

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



6B0F76



1A760F

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.



004F33



6B0F76



264600

Square

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



6B0F76



761F00



004D00



004F8C

Rectangle

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



6B0F76



8C002A



004D00



005054

Sweetspot

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



6B0F76



957199



0F1B76



4A354D



CCCCCC



4D4D4D

Same Dimension

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



6B0F76



890099



760F4F



3A353B



6D007A



DF00FA

Inverse Universe

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



760F1A



990010



0F7636



3B3535



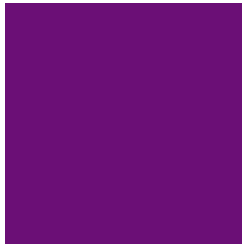
7A000D



FA001B

Previews

White Background



This preview shows how the Hex color 6B0F76 looks on a white background.

Color Contrast Check

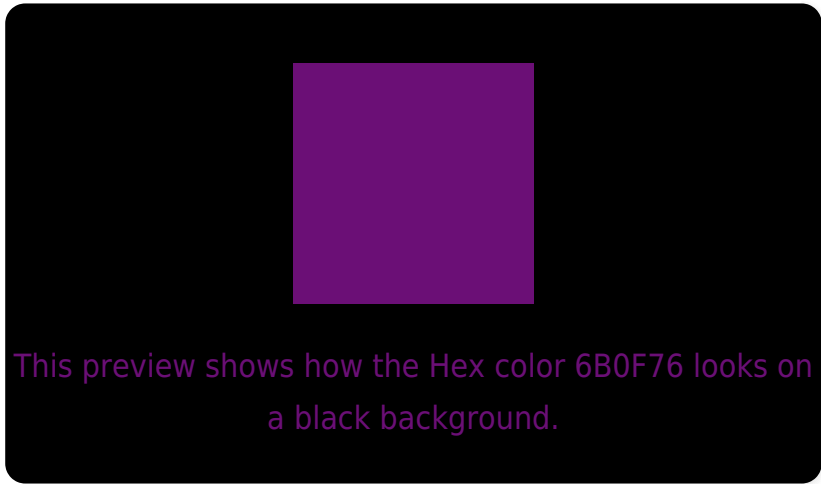
Large Text (above 18pt) WCAG AA ✓ Pass

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

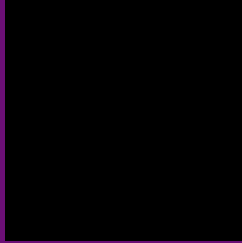
Any Text WCAG AA × Fail

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 6B0F76 Background



This preview shows how black text looks on a background with the Hex color 6B0F76.




This preview shows how white text looks on a background with the Hex color 6B0F76.

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
633033

Trichromacy



Original Color
6B0F76



Protanomaly
272D7E



Deuteranomaly
372F72

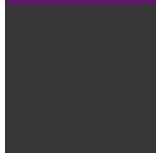


Tritanomaly
66244B

Monochromacy



Original Color
6B0F76



Achromatopsia
363636



Achromatomaly
49284D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0F76 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 #6B0F76 looks like.

```
.text, #text, p{  
    color:#6B0F76  
}
```

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 #6B0F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0F76
}
```

Border

The CSS property to change the border of an element to Hex 6B0F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

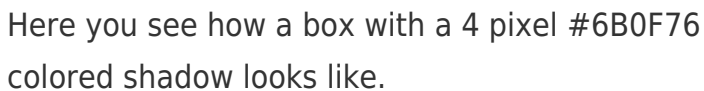
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0F76 }
```

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

```
.border{ border-color:#6B0F76 }
```

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



Here you see how a box with a 4 pixel #6B0F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0F76; -webkit-box-shadow:4px 4px  
4px 4px #6B0F76; box-shadow:4px 4px 4px  
4px #6B0F76 }
```

Background

The CSS property to change the background color of an element to Hex 6B0F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0F76 }
```

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

```
.background{ background-color:#6B0F76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor