

# Converting Colors

Hex(6D0077)

Have a look what the booklet for  
Hex(6D0077) contains.

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# Color

**Hex(6D0077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D0077
RGB	109, 0, 119
RGB Percent	43%, 0%, 47%
CMY	0.5725, 1.0000, 0.5333
CMYK	0.08, 1.00, 0.00, 0.53
HSL	295°, 100%, 23%
HSV	295°, 100%, 47%
XYZ	9.6364, 4.5831, 17.8295
YIQ	46.1570, 26.7650, 60.1170

# Conversions

## Conversions Part 2

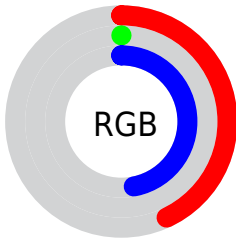
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 0, 119
Decimal	7143543
CIE <sub>Lab</sub>	25.51, 54.21, -37.85
CIE <sub>LCh</sub>	26, 66.116, 325.082
Yxy	4.5831, 0.3007, 0.1430
Android (android.graphics.Color)	4285333623 (0xFF6D0077)
YUV	46.1570, 35.9116, 55.1133
Hunter-Lab	21.4082, 42.8835, -34.3930

# Details

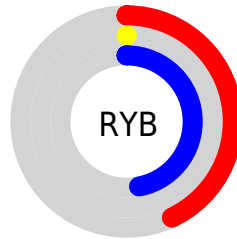
The Hex color **6D0077** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0A7700**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **A443AC**, and **390046** is the 20% darker color. If you saturate the color by 10%, you get **6D0077**, and if you desaturate by 10%, it is **6E0C77**.

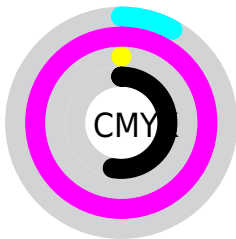
# Distribution



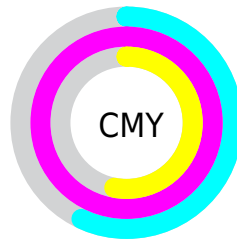
- Red (43%)
- Green (0%)
- Blue (47%)



- Red (43%)
- Yellow (0%)
- Blue (47%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (100%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D0077 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 6D0077 by changing the saturation by 10% instead.



 6D0077

 6D0077

FFFFFF

 52005E

 A443AC

 390046

 C05EC7

 20002F

 DD79E4

 000119

 FB94FF

 000000

 FFBOFF

 FFCDFD

 FFEAFF

 6D0077

■ 6E0C77

■ 6F1877

■ 702477

■ 713077

■ 723B77

■ 734777

■ 745377

■ 755F77

■ 766B77

# Harmonies

## Analogous

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



00339A



6D0077



8B0047

# Triad

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



6D0077



523800



004F66

# Complementary

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



6D0077



0A7700

# 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.



004E32



6D0077



204600

# Square

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



6D0077



761B00



004C00



004E90

# Rectangle

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



6D0077



8E0026



004C00



004F56



# Sweetspot

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



6D0077



986D9C



000C77



4D334F



CFCFCF



4F4F4F



# Same Dimension

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



6D0077



8E009C



770047



3A353B



70007A



E500FA



# Inverse Universe

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



77000A



9C000D



007730



3B3535



7A000A



FA0015



# Previews

## White Background



This preview shows how the Hex color 6D0077 looks on a white background.

## Color Contrast Check

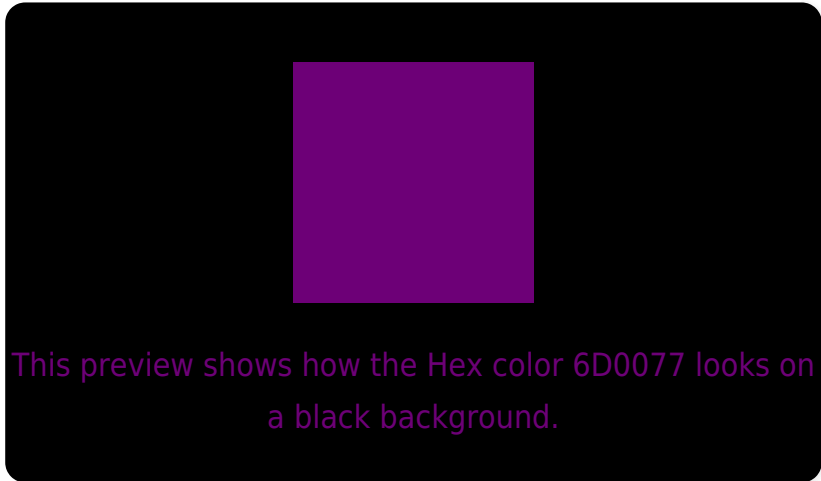
Large Text (above 18pt) WCAG AA ✓ Pass

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

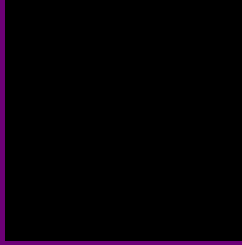
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D0077 Background



This preview shows how black text looks on a background with the Hex color 6D0077.



This preview shows how white text looks on a background with the Hex color 6D0077.

# 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**  
652F32

# Trichromacy



**Original Color**  
6D0077



**Protanomaly**  
28277E



**Deuteranomaly**  
372973



**Tritanomaly**  
681E4B

# Monochromacy



**Original Color**  
6D0077



**Achromatopsia**  
2E2E2E



**Achromatomaly**  
451D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D0077 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 #6D0077 looks like.

```
.text, #text, p{  
    color:#6D0077  
}
```

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 #6D0077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0077
}
```

## Border

The CSS property to change the border of an element to Hex 6D0077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

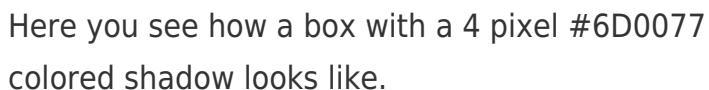
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0077 }
```

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

```
.border{ border-color:#6D0077 }
```

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



Here you see how a box with a 4 pixel #6D0077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0077; -webkit-box-shadow:4px 4px  
4px 4px #6D0077; box-shadow:4px 4px 4px  
4px #6D0077 }
```

# Background

The CSS property to change the background color of an element to Hex 6D0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0077 }
```

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

```
.background{ background-color:#6D0077 }
```

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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