

# Converting Colors

Hex(6F0031)

Have a look what the booklet for  
Hex(6F0031) contains.

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# Color

**Hex(6F0031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F0031
RGB	111, 0, 49
RGB Percent	44%, 0%, 19%
CMY	0.5647, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.56, 0.56
HSL	334°, 100%, 22%
HSV	334°, 100%, 44%
XYZ	7.1099, 3.6013, 3.2261
YIQ	38.7750, 50.4270, 38.7710

# Conversions

## Conversions Part 2

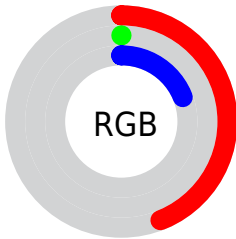
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 0, 49
Decimal	7274545
CIE Lab	22.31, 45.56, 4.16
CIE LCh	22, 45.748, 5.216
Yxy	3.6013, 0.5101, 0.2584
Android (android.graphics.Color)	4285464625 (0xFF6F0031)
YUV	38.7750, 5.0409, 63.3413
Hunter-Lab	18.9770, 33.6672, 3.2045

# Details

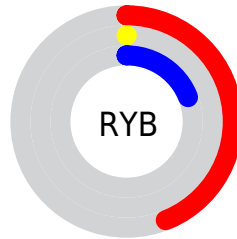
The Hex color **6F0031** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006F3E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A7405F**, and **3B0001** is the 20% darker color. If you saturate the color by 10%, you get **6F0031**, and if you desaturate by 10%, it is **6F0B37**.

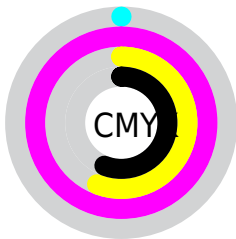
# Distribution



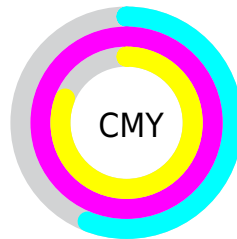
- Red (44%)
- Green (0%)
- Blue (19%)



- Red (44%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F0031 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 6F0031 by changing the saturation by 10% instead.



 6F0031

 6F0031

FFFFFF

 53001C

 A7405F

 3B0001

 C45A77

 190001

 E27491

 000000

 FF8FAC

 FFABC7

 FFC7E3

 FFE4FF

 6F0031

 6F0B37

 6F163D

 6F2144

 6F2C4A

 6F3850

 6F4356

 6F4E5C

 6F5963

 6F6469

# Harmonies

## Analogous

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



611253



6F0031



6A1310

# Triad

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



6F0031



1A3E00



004074

# Complementary

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



6F0031



006F3E

# 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.



00435C



6F0031



004216

# Square

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



6F0031



3D3600



00433B



00387A

# Rectangle

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



6F0031



602200



00433B



00426D



# Sweetspot

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



6F0031



916679



3D006F



4A2F3B



C9C9C9



4A4A4A



# Same Dimension

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



6F0031



910040



6F0600



383235



780035



F7006D



# Inverse Universe

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



6F0031



910040



00696F



383235



780035

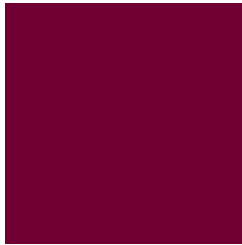


F7006D



# Previews

## White Background



This preview shows how the Hex color 6F0031 looks on a white background.

## Color Contrast Check

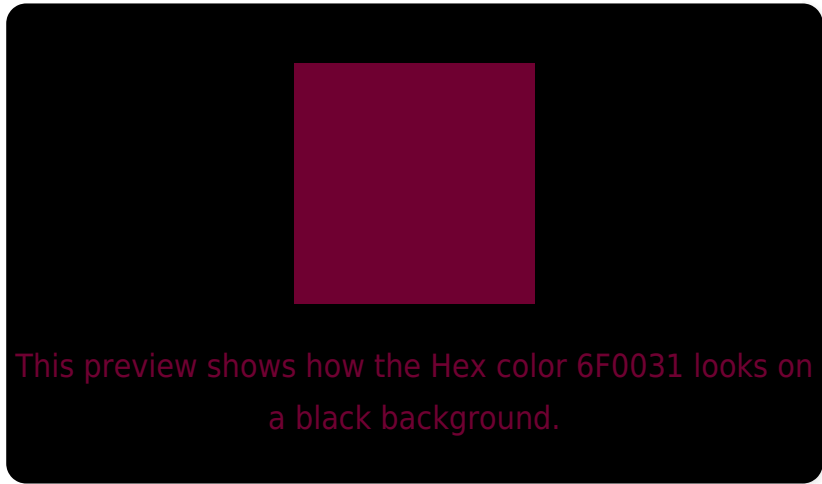
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F0031 Background



This preview shows how black text looks on a background with the Hex color 6F0031.



This preview shows how white text looks on a background with the Hex color 6F0031.

# 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**  
6F0031

**Protanopia**  
363947

**Deuteranopia**  
43372C



**Tritanopia**  
6E1413

# Trichromacy



**Original Color**  
6F0031

**Protanomaly**  
4B243F

**Deuteranomaly**  
53232E

**Tritanomaly**  
6E0D1E

# Monochromacy



**Original Color**  
6F0031

**Achromatopsia**  
272727

**Achromatomaly**  
41192B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F0031 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 #6F0031 looks like.

```
.text, #text, p{  
    color:#6F0031  
}
```

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 #6F0031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F0031
}
```

## Border

The CSS property to change the border of an element to Hex 6F0031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

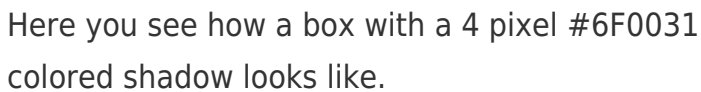
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F0031 }
```

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

```
.border{ border-color:#6F0031 }
```

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



Here you see how a box with a 4 pixel #6F0031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F0031; -webkit-box-shadow:4px 4px  
4px 4px #6F0031; box-shadow:4px 4px 4px  
4px #6F0031 }
```

# Background

The CSS property to change the background color of an element to Hex 6F0031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F0031 }
```

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

```
.background{ background-color:#6F0031 }
```

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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