

Converting Colors

Hex(6F0021)

Have a look what the booklet for
Hex(6F0021) contains.

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Color

Hex(6F0021)

Conversions

Conversions Part 1	
Format	Color
Hex	6F0021
RGB	111, 0, 33
RGB Percent	44%, 0%, 13%
CMY	0.5647, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.70, 0.56
HSL	342°, 100%, 22%
HSV	342°, 100%, 44%
XYZ	6.8301, 3.4893, 1.7524
YIQ	36.9510, 55.5630, 33.7950

Conversions

Conversions Part 2

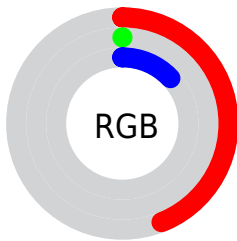
Format	Color
RYB	111, 0, 33
Decimal	7274529
CIELab	21.91, 44.49, 14.86
CIELCh	22, 46.903, 18.470
Yxy	3.4893, 0.5658, 0.2890
Android (android.graphics.Color)	4285464609 (0xFF6F0021)
YUV	36.9510, -1.9478, 64.9410
Hunter-Lab	18.6797, 32.5774, 7.5137

Details

The Hex color **6F0021** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006F4E**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **A83F4D**, and **390001** is the 20% darker color. If you saturate the color by 10%, you get **6F0021**, and if you desaturate by 10%, it is **6F0B29**.

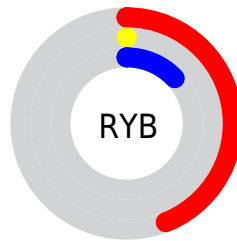
Distribution



Red (44%)

Green (0%)

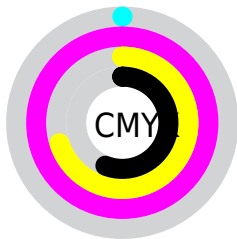
Blue (13%)



Red (44%)

Yellow (0%)

Blue (13%)

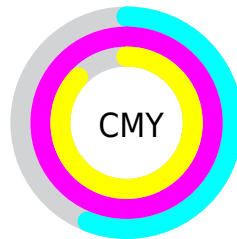


Cyan (0%)

Magenta (100%)

Yellow (70%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F0021 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 6F0021 by changing the saturation by 10% instead.

 6F0021

 6F0021

FFFFFF

 53000B

 A83F4D

 390001

 C65965

 150000

 E4737D

 000000

 FF8E97

 FFAAB2

 FFC6CD

 FFE2EA

 6F0021

 6F0B29

 6F1631

 6F2138

 6F2C40

 6F3848

 6F4350

 6F4E58

 6F595F

 6F6467

Harmonies

Analogous

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



6A0143



6F0021



641C00

Triad

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



6F0021



003F00



003D79

Complementary

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



6F0021



006F4E

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.



004268



6F0021



004225

Square

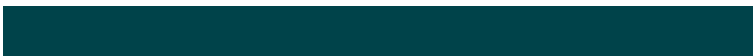
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6F0021



2E3900



00434A



003177

Rectangle

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



6F0021



552900



00434A



003F76

Sweetspot

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



6F0021



916673



4E006F



4A2F37



C9C9C9



4A4A4A

Same Dimension

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



6F0021



91002B



6F1600



383234



780024



F7004A

Inverse Universe

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



6F0021



91002B



00596F



383234



780024



F7004A

Previews

White Background



This preview shows how the Hex color 6F0021 looks on a white background.

Color Contrast Check

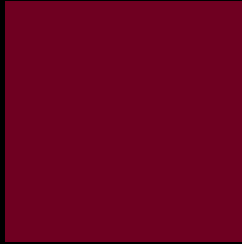
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 6F0021 looks on a 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 6F0021 Background



This preview shows how black text looks on a background with the Hex color 6F0021.



This preview shows how white text looks on a background with the Hex color 6F0021.

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
6F0021

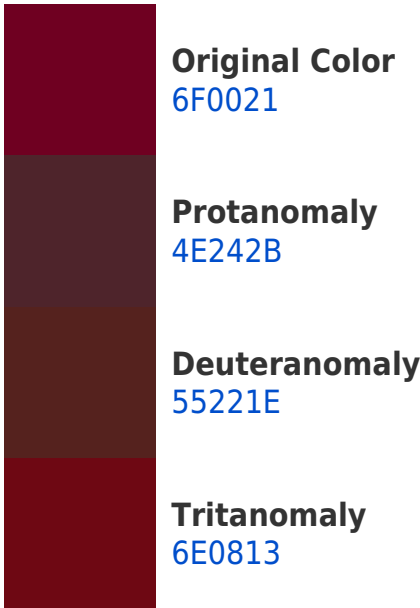
Protanopia
3B3831

Deuteranopia
46361C

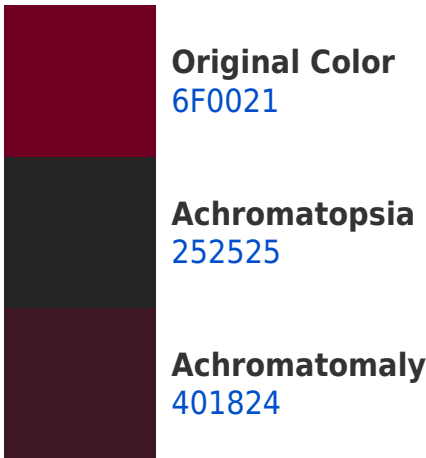


Tritanopia
6E0D0B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F0021 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 #6F0021 looks like.

```
.text, #text, p{  
    color:#6F0021  
}
```

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 #6F0021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F0021
}
```

Border

The CSS property to change the border of an element to Hex 6F0021 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
#6F0021 }
```

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

```
.border{ border-color:#6F0021 }
```

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

Here you see how a box with a 4 pixel #6F0021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F0021; -webkit-box-shadow:4px 4px  
4px 4px #6F0021; box-shadow:4px 4px 4px  
4px #6F0021 }
```

Background

The CSS property to change the background color of an element to Hex 6F0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F0021 }
```

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

```
.background{ background-color:#6F0021 }
```

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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