

Converting Colors

Hex(670011)

Have a look what the booklet for
Hex(670011) contains.

Hex(670011)	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(670011)

Conversions

Conversions Part 1

Format	Color
Hex	670011
RGB	103, 0, 17
RGB Percent	40%, 0%, 7%
CMY	0.5961, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.83, 0.60
HSL	350°, 100%, 20%
HSV	350°, 100%, 40%
XYZ	5.6947, 2.9240, 0.7946
YIQ	32.7350, 55.9310, 27.1230

Conversions

Conversions Part 2

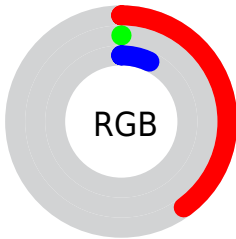
Format	Color
R_{YB}	103, 0, 17
Decimal	6750225
CIE _{Lab}	19.74, 41.61, 22.66
CIE _{LCh}	20, 47.383, 28.576
Yxy	2.9240, 0.6050, 0.3106
Android (android.graphics.Color)	4284940305 (0xFF670011)
YUV	32.7350, -7.7574, 61.6224
Hunter-Lab	17.0998, 29.5206, 9.2149

Details

The Hex color **670011** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006756**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **A13C3B**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **670011**, and if you desaturate by 10%, it is **670A1A**.

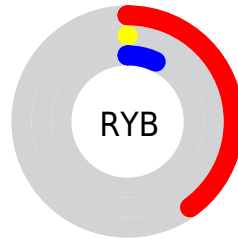
Distribution



Red (40%)

Green (0%)

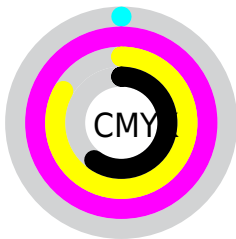
Blue (7%)



Red (40%)

Yellow (0%)

Blue (7%)

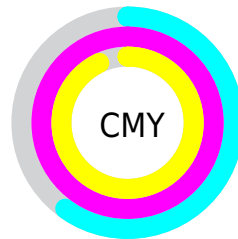


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670011 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 670011 by changing the saturation by 10% instead.

 670011

 670011

 FFFBF1

 4B0000

 A13C3B

 320002

 BE5652

 000000

 DC706A

 FA8B84

 FFA69E

 FFC2B9

 FFDED4

 670011

 670A1A

 671522

 671F2B

 672933

 67343C

 673E45

 67484D

 675256

 675D5E

Harmonies

Analogous

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



680033



670011



571E00

Triad

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



670011



003B05



003576

Complementary

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



670011



006756

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.



003C6B



670011



003D2D

Square

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



670011



1B3700



003E50



22276E

Rectangle

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



670011



472A00



003E50



003875

Sweetspot

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



670011



875F65



560067



452C30



C4C4C4



454545

Same Dimension

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



670011



870016



672200



332E2F



730013



F20028

Inverse Universe

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



670011



870016



004567



332E2F



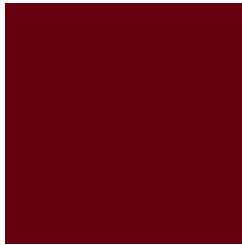
730013



F20028

Previews

White Background



This preview shows how the Hex color 670011 looks on a white background.

Color Contrast Check

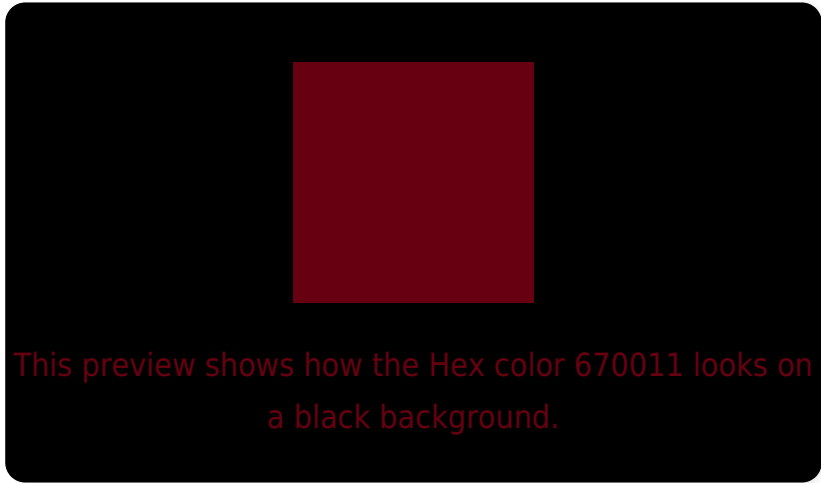
Large Text (above 18pt) WCAG AA ✓ Pass

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 670011 Background



This preview shows how black text looks on a background with the Hex color 670011.

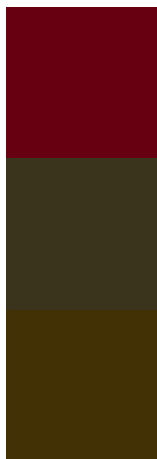


This preview shows how white text looks on a background with the Hex color 670011.

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
670011

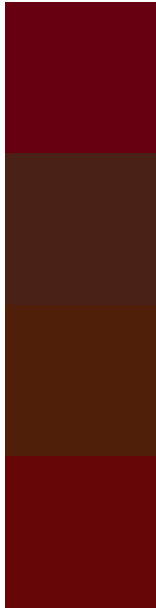
Protanopia
39341B

Deuteranopia
423105



Tritanopia
670900

Trichromacy



Original Color
670011

Protanomaly
4A2117

Deuteranomaly
4F1F09

Tritanomaly
670606

Monochromacy



Original Color
670011

Achromatopsia
212121

Achromatomaly
3A151B

CSS Examples

Text

The CSS property to change the color of the text to Hex 670011 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 #670011 looks like.

```
.text, #text, p{  
    color:#670011  
}
```

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 #670011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670011
}
```

Border

The CSS property to change the border of an element to Hex 670011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

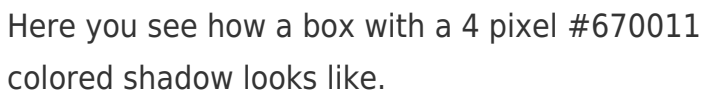
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670011 }
```

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

```
.border{ border-color:#670011 }
```

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



Here you see how a box with a 4 pixel #670011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670011; -webkit-box-shadow:4px 4px  
4px 4px #670011; box-shadow:4px 4px 4px  
4px #670011 }
```

Background

The CSS property to change the background color of an element to Hex 670011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670011 }
```

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

```
.background{ background-color:#670011 }
```

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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