

# Converting Colors

Hex(700011)

Have a look what the booklet for  
Hex(700011) contains.

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**Color**

**Hex(700011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	700011
RGB	112, 0, 17
RGB Percent	44%, 0%, 7%
CMY	0.5608, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.85, 0.56
HSL	351°, 100%, 22%
HSV	351°, 100%, 44%
XYZ	6.7833, 3.4852, 0.8455
YIQ	35.4260, 61.2950, 29.0310

# Conversions

## Conversions Part 2

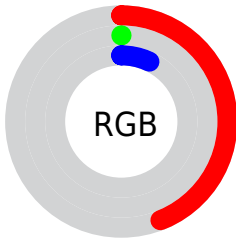
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 0, 17
Decimal	7340049
CIELab	21.89, 44.07, 25.65
CIELCh	22, 50.995, 30.197
Yxy	3.4852, 0.6103, 0.3136
Android (android.graphics.Color)	4285530129 (0xFF700011)
YUV	35.4260, -9.0840, 67.1554
Hunter-Lab	18.6687, 32.1876, 10.3829

# Details

The Hex color **700011** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00705F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **AB3F3B**, and **390001** is the 20% darker color. If you saturate the color by 10%, you get **700011**, and if you desaturate by 10%, it is **700B1A**.

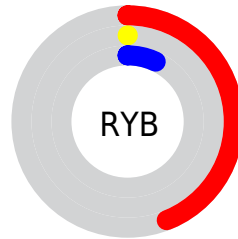
# Distribution



Red (44%)

Green (0%)

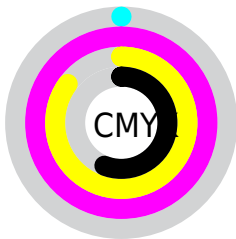
Blue (7%)



Red (44%)

Yellow (0%)

Blue (7%)

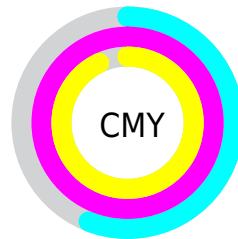


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 700011 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 700011 by changing the saturation by 10% instead.



 700011

 700011

 FFFFFF1

 540000

 AB3F3B

 390001

 C85952

 140000

 E7736B

 000000

 FF8E84

 FFA99E

 FFC5B9

 FFE2D5

 700011

 700B1A

 701624

 70222D

 702D37

 703840

 70434A

 704E53

 705A5D

 706566

# Harmonies

## Analogous

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



730036



700011



5E2200

# Triad

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



700011



004109



003A81

# Complementary

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



700011



00705F

# 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.



004177



700011



004334

# Square

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



700011



1B3D00



00445A



2B2A77

# Rectangle

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



700011



4C2F00



00445A



003D80



# Sweetspot

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



700011



91666C



5D0070



4A2F33



C9C9C9



4A4A4A



# Same Dimension

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



700011



910016



702500



383233



780012



F70026



# Inverse Universe

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



700011



910016



004B70



383233



780012

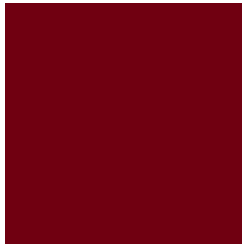


F70026



# Previews

## White Background



This preview shows how the Hex color 700011 looks on a white background.

## Color Contrast Check

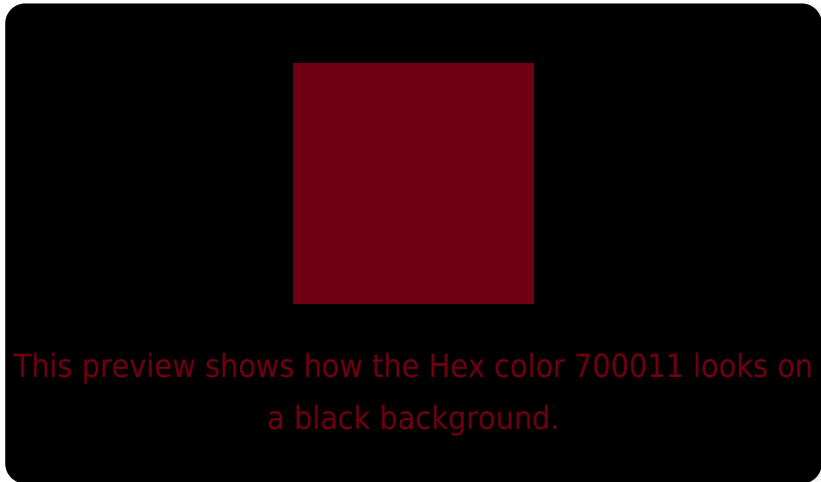
Large Text (above 18pt) WCAG AA ✓ Pass

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

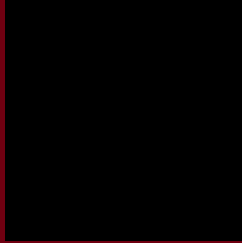
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 700011 Background



This preview shows how black text looks on a background with the Hex color 700011.



This preview shows how white text looks on a background with the Hex color 700011.

# 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**  
6F0A00

# Trichromacy



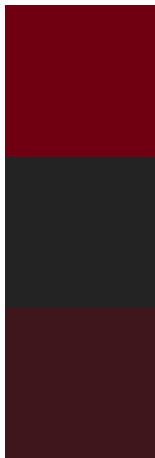
**Original Color**  
700011

**Protanomaly**  
512418

**Deuteranomaly**  
572206

**Tritanomaly**  
6F0606

# Monochromacy



**Original Color**  
700011

**Achromatopsia**  
232323

**Achromatomaly**  
3F161C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 700011 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 #700011 looks like.

```
.text, #text, p{  
    color:#700011  
}
```

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 #700011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700011
}
```

## Border

The CSS property to change the border of an element to Hex 700011 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".

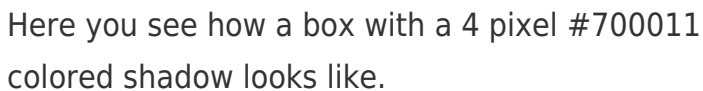
```
.border, #border, table{ border:4px solid
#700011 }
```

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

```
.border{ border-color:#700011 }
```

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

Here you see how a box with a 4 pixel #700011 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700011; -webkit-box-shadow:4px 4px  
4px 4px #700011; box-shadow:4px 4px 4px  
4px #700011 }
```

# Background

The CSS property to change the background color of an element to Hex 700011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700011 }
```

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

```
.background{ background-color:#700011 }
```

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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