

# Converting Colors

Hex(670317)

Have a look what the booklet for  
Hex(670317) contains.

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**Color**

**Hex(670317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	670317
RGB	103, 3, 23
RGB Percent	40%, 1%, 9%
CMY	0.5961, 0.9882, 0.9098
CMYK	0.00, 0.97, 0.78, 0.60
HSL	348°, 94%, 21%
HSV	348°, 97%, 40%
XYZ	5.7807, 3.0106, 1.0870
YIQ	35.1800, 53.1800, 27.4200

# Conversions

## Conversions Part 2

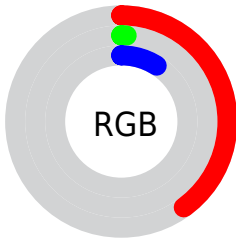
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 3, 23
Decimal	6750999
CIELab	20.09, 41.09, 19.15
CIElCh	20, 45.332, 24.992
Yxy	3.0106, 0.5852, 0.3048
Android (android.graphics.Color)	4284941079 (0xFF670317)
YUV	35.1800, -6.0047, 59.4781
Hunter-Lab	17.3509, 29.1059, 8.4312

# Details

The Hex color **670317** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **036753**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **A03E41**, and **330002** is the 20% darker color. If you saturate the color by 10%, you get **670015**, and if you desaturate by 10%, it is **670D1F**.

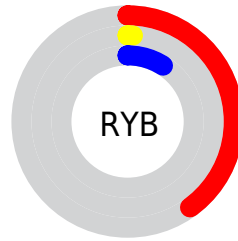
# Distribution



Red (40%)

Green (1%)

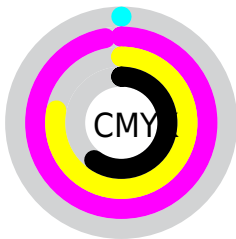
Blue (9%)



Red (40%)

Yellow (1%)

Blue (9%)

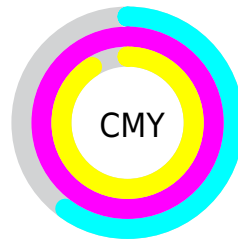


Cyan (0%)

Magenta (97%)

Yellow (78%)

Black (60%)



Cyan (60%)

Magenta (99%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 670317 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 670317 by changing the saturation by 10% instead.



 670317

 670317

 FFFDF9

 4C0000

 A03E41

 330002

 BD5859

 000000

 DB7271

 F98C8B

 FFA7A5

 FFC3C0

 FFE0DC

 670317

 670317

■ 670015

■ 670D1F

■ 671827

■ 672230

■ 672C38

■ 673740

■ 674148

■ 674B51

■ 675559

■ 676061

# Harmonies

## Analogous

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



660038



670317



5A1D00

# Triad

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



670317



003C03



003774

# Complementary

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



670317



036753

# 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.



003D67



670317



003E2A

# Square

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



670317



223700



003E4C



1A2A6E

# Rectangle

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



670317



4A2900



003E4C



003971



# Sweetspot

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



670317



876068



530367



452D32



C4C4C4



454545



# Same Dimension

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



670317



87001B



672103



332E2F



730017



F20030



# Inverse Universe

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



670317



87001B



034967



332E2F



730017

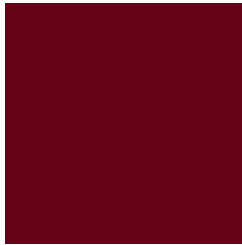


F20030



# Previews

## White Background



This preview shows how the Hex color 670317 looks on a white background.

## Color Contrast Check

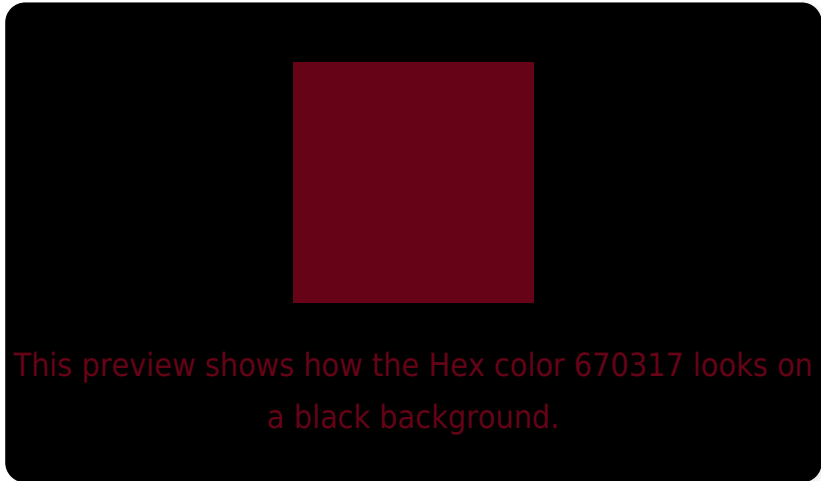
Large Text (above 18pt) WCAG AA ✓ Pass

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 670317 Background



This preview shows how black text looks on a background with the Hex color 670317.



This preview shows how white text looks on a background with the Hex color 670317.

# 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**  
670317

**Protanopia**  
393423

**Deuteranopia**  
413210



**Tritanopia**  
670A05

# Trichromacy



**Original Color**  
670317

**Protanomaly**  
4A221F

**Deuteranomaly**  
4F2113

**Tritanomaly**  
67070C

# Monochromacy



**Original Color**  
670317

**Achromatopsia**  
232323

**Achromatomaly**  
3C171F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 670317 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 #670317 looks like.

```
.text, #text, p{  
    color:#670317  
}
```

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 #670317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670317
}
```

## Border

The CSS property to change the border of an element to Hex 670317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

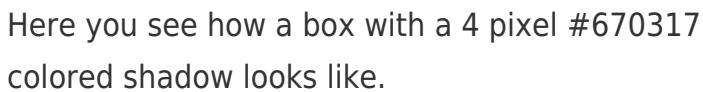
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670317 }
```

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

```
.border{ border-color:#670317 }
```

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



Here you see how a box with a 4 pixel #670317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670317; -webkit-box-shadow:4px 4px  
4px 4px #670317; box-shadow:4px 4px 4px  
4px #670317 }
```

# Background

The CSS property to change the background color of an element to Hex 670317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670317 }
```

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

```
.background{ background-color:#670317 }
```

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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