

Converting Colors

Hex(671717)

Have a look what the booklet for
Hex(671717) contains.

Hex(671717)	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(671717)

Conversions

Conversions Part 1

Format	Color
Hex	671717
RGB	103, 23, 23
RGB Percent	40%, 9%, 9%
CMY	0.5961, 0.9098, 0.9098
CMYK	0.00, 0.78, 0.78, 0.60
HSL	0°, 63%, 25%
HSV	0°, 78%, 40%
XYZ	6.0546, 3.5582, 1.1783
YIQ	46.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

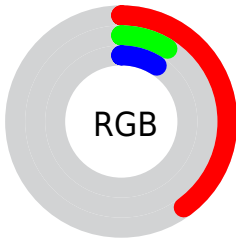
Format	Color
RYB	103, 23, 23
Decimal	6756119
CIELab	22.15, 35.23, 21.54
CIELCh	22, 41.298, 31.445
Yxy	3.5582, 0.5611, 0.3297
Android (android.graphics.Color)	4284946199 (0xFF671717)
YUV	46.9200, -11.7926, 49.1822
Hunter-Lab	18.8632, 24.2828, 9.5007

Details

The Hex color **671717** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **176767**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9F4942**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **670D0D**, and if you desaturate by 10%, it is **672121**.

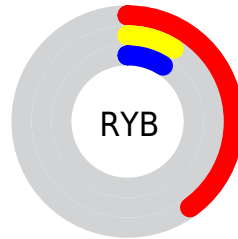
Distribution



Red (40%)

Green (9%)

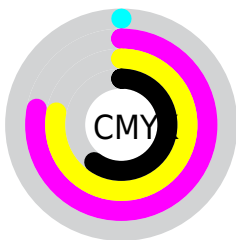
Blue (9%)



Red (40%)

Yellow (9%)

Blue (9%)

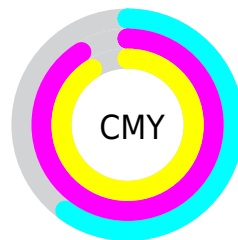


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (60%)



Cyan (60%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 671717 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 671717 by changing the saturation by 10% instead.

 671717

 671717

 FFFFFFF9

 4C0000

 9F4942

 320000

 BC6259

 040000

 DA7C72

 000000

 F8978B

 FFB2A6

 FFCEC1

 FFE8DD

 671717

 671717

■ 670D0D

■ 672121

■ 670202

■ 672C2C

■ 670000

■ 673636

■ 674040

■ 674B4B

■ 675555

■ 675F5F

■ 676969

■ 677474

Harmonies

Analogous

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



690D35



671717



582800

Triad

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



671717



004015



003973

Complementary

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



671717



176767

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.



003F6B



671717



004236

Square

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



671717



223C00



004254



342C6A

Rectangle

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



671717



4A3100



004254



003B72

Sweetspot

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



671717



876868



671767



453232



C4C4C4



454545

Same Dimension

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



671717



870909



673F17



332E2E



730000



F20000

Inverse Universe

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



176767



098787



173F67



2E3333



007373



00F2F2

Previews

White Background



This preview shows how the Hex color 671717 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 671717 Background



This preview shows how black text looks on a background with the Hex color 671717.

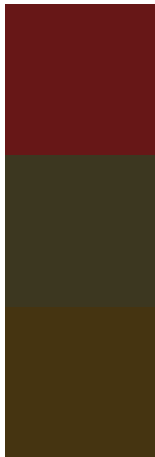


This preview shows how white text looks on a background with the Hex color 671717.

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
671717

Protanopia
3C3720

Deuteranopia
453411



Tritanopia
671717

Trichromacy



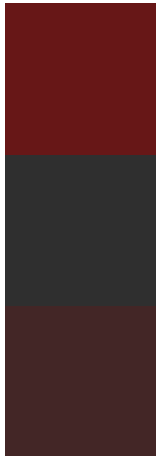
Original Color
671717

Protanomaly
4C2B1D

Deuteranomaly
512913

Tritanomaly
671717

Monochromacy



Original Color
671717

Achromatopsia
2F2F2F

Achromatomaly
432626

CSS Examples

Text

The CSS property to change the color of the text to Hex 671717 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 #671717 looks like.

```
.text, #text, p{  
    color:#671717  
}
```

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 #671717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671717 } }
```

Border

The CSS property to change the border of an element to Hex 671717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

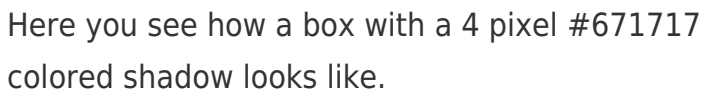
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #671717 } }
```

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

```
.border{ border-color:#671717 }
```

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



Here you see how a box with a 4 pixel #671717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671717; -webkit-box-shadow:4px 4px  
4px 4px #671717; box-shadow:4px 4px 4px  
4px #671717 }
```

Background

The CSS property to change the background color of an element to Hex 671717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671717 }
```

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

```
.background{ background-color:#671717 }
```

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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