

Converting Colors

Hex(731717)

Have a look what the booklet for
Hex(731717) contains.

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Color

Hex(731717)

Conversions

Conversions Part 1

Format	Color
Hex	731717
RGB	115, 23, 23
RGB Percent	45%, 9%, 9%
CMY	0.5490, 0.9098, 0.9098
CMYK	0.00, 0.80, 0.80, 0.55
HSL	0°, 67%, 27%
HSV	0°, 80%, 45%
XYZ	7.5313, 4.3195, 1.2474
YIQ	50.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

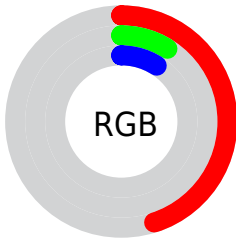
Format	Color
R_{YB}	115, 23, 23
Decimal	7542551
CIE Lab	24.70, 39.32, 25.09
CIE LCh	25, 46.644, 32.537
Yxy	4.3195, 0.5750, 0.3298
Android (android.graphics.Color)	4285732631 (0xFF731717)
YUV	50.5080, -13.5614, 56.5595
Hunter-Lab	20.7834, 28.3122, 10.9898

Details

The Hex color **731717** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **177373**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **AD4B42**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **730B0B**, and if you desaturate by 10%, it is **732323**.

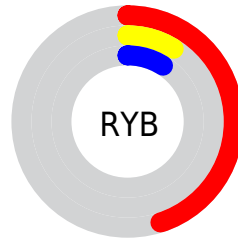
Distribution



Red (45%)

Green (9%)

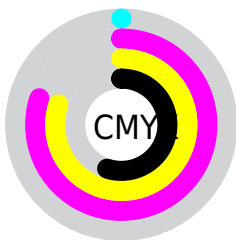
Blue (9%)



Red (45%)

Yellow (9%)

Blue (9%)

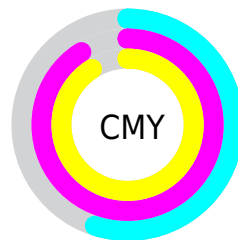


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (55%)



Cyan (55%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 731717 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 731717 by changing the saturation by 10% instead.

 731717

 731717

 FFFFFA

 570000

 AD4B42

 3B0000

 CB655A

 1E0001

 E97F72

 000000

 FF9A8C

 FFB5A6

 FFD1C2

 FFEEDD

 731717

 731717

■ 730B0B

■ 732323

■ 730000

■ 732E2E

■ 733A3A

■ 734545

■ 735151

■ 735C5C

■ 736868

■ 737373

■ 737F7F

Harmonies

Analogous

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



760739



731717



622C00

Triad

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



731717



004817



003E82

Complementary

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



731717



177373

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.



004679



731717



00493D

Square

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



731717



224300



004960



3B3077

Rectangle

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



731717



503600



004960



004281

Sweetspot

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



731717



967272



731773



4D3636



CCCCCC



4D4D4D

Same Dimension

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



731717



960606



734517



3B3535



7A0000



FA0000

Inverse Universe

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



177373



069696



174573



353B3B



007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 731717 looks on a white background.

Color Contrast Check

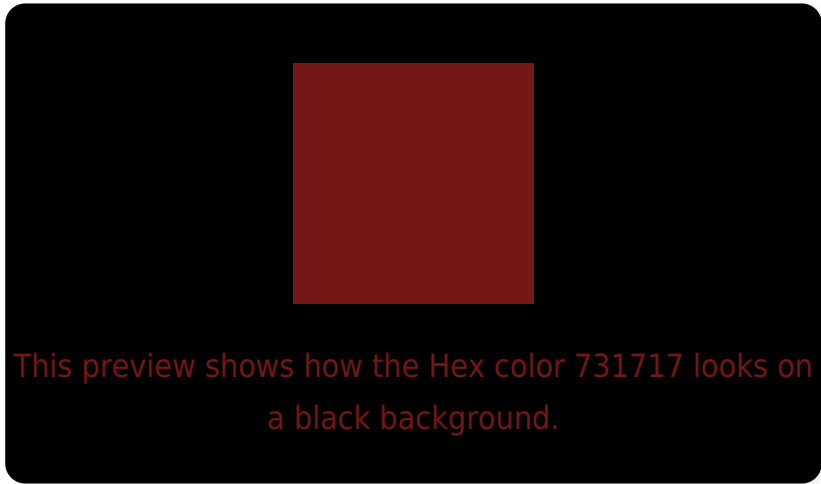
Large Text (above 18pt) WCAG AA ✓ Pass

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 731717 Background



This preview shows how black text looks on a background with the Hex color 731717.

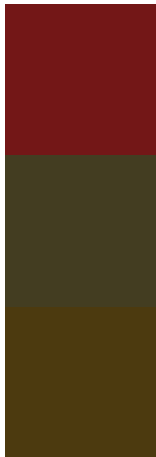


This preview shows how white text looks on a background with the Hex color 731717.

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
731717

Protanopia
433D21

Deuteranopia
4C3A0F

Trichromacy



Original Color

731717

Protanomaly

542F1D

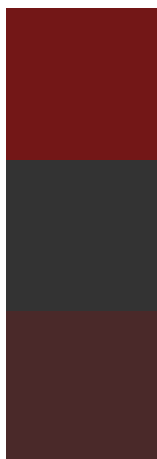
Deuteranomaly

5A2D12

Tritanomaly

731717

Monochromacy



Original Color

731717

Achromatopsia

333333

Achromatomaly

4A2929

CSS Examples

Text

The CSS property to change the color of the text to Hex 731717 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 #731717 looks like.

```
.text, #text, p{  
  color:#731717  
}
```

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 #731717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731717
}
```

Border

The CSS property to change the border of an element to Hex 731717 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
#731717 }
```

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

```
.border{ border-color:#731717 }
```

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

Here you see how a box with a 4 pixel #731717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731717; -webkit-box-shadow:4px 4px  
4px 4px #731717; box-shadow:4px 4px 4px  
4px #731717 }
```

Background

The CSS property to change the background color of an element to Hex 731717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731717 }
```

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

```
.background{ background-color:#731717 }
```

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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