

Converting Colors

Hex(4C1717)

Have a look what the booklet for
Hex(4C1717) contains.

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Color

Hex(4C1717)

Conversions

Conversions Part 1

Format	Color
Hex	4C1717
RGB	76, 23, 23
RGB Percent	30%, 9%, 9%
CMY	0.7020, 0.9098, 0.9098
CMYK	0.00, 0.70, 0.70, 0.70
HSL	0°, 54%, 19%
HSV	0°, 70%, 30%
XYZ	3.4415, 2.2112, 1.0560
YIQ	38.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

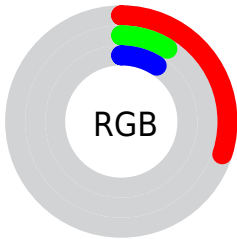
Format	Color
R_{YB}	76, 23, 23
Decimal	4986647
CIE Lab	16.56, 25.08, 13.48
CIE LCh	17, 28.472, 28.267
Yxy	2.2112, 0.5130, 0.3296
Android (android.graphics.Color)	4283176727 (0xFF4C1717)
YUV	38.8470, -7.8126, 32.5832
Hunter-Lab	14.8699, 15.2901, 6.1984

Details

The Hex color **4C1717** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **174C4C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **814542**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **4C0F0F**, and if you desaturate by 10%, it is **4C1F1F**.

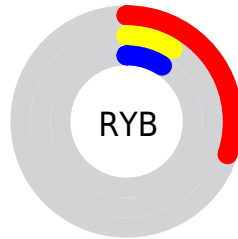
Distribution



Red (30%)

Green (9%)

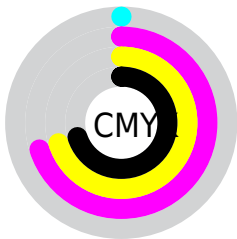
Blue (9%)



Red (30%)

Yellow (9%)

Blue (9%)

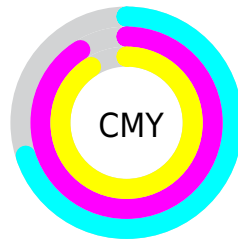


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (70%)



Cyan (70%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1717 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 4C1717 by changing the saturation by 10% instead.

 4C1717

 4C1717

 FFFFFFF9

 340000

 814542

 160000

 9C5D59

 000000

 B87771

 D5918B

 F2ABA5

 FFC7C0

 FFE3DC

 4C1717

 4C1717

■ 4C0F0F

■ 4C1F1F

■ 4C0808

■ 4C2626

■ 4C0000

■ 4C2E2E

■ 4C3535

■ 4C3D3D

■ 4C4545

■ 4C4C4C

■ 4C5454

■ 4C5B5B

Harmonies

Analogous

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



4C142B



4C1717



431F01

Triad

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



4C1717



003112



002C52

Complementary

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



4C1717



174C4C

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.



00304B



4C1717



003227

Square

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



4C1717



212D00



00323C



26244D

Rectangle

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



4C1717



3A2500



00323C



002E51

Sweetspot

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



4C1717



634F4F



4C174C



332626



B3B3B3



333333

Same Dimension

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



4C1717



631010



4C3217



262222



660000



E60000

Inverse Universe

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



174C4C



106363



17324C



222626



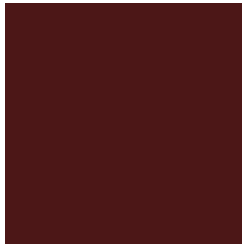
006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4C1717 looks on a white background.

Color Contrast Check

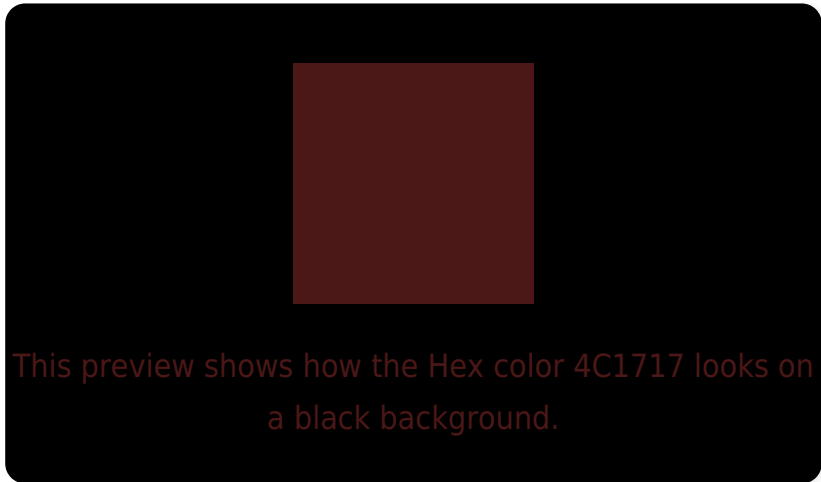
Large Text (above 18pt) WCAG AA ✓ Pass

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

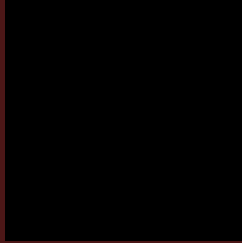
Any Text WCAG AA × Fail

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 4C1717 Background



This preview shows how black text looks on a background with the Hex color 4C1717.

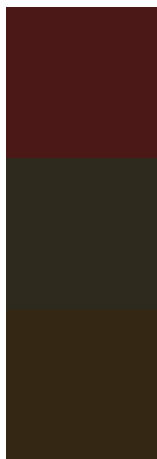


This preview shows how white text looks on a background with the Hex color 4C1717.

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
4C1717

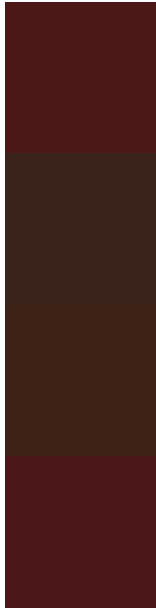
Protanopia
2E2A1E

Deuteranopia
342814



Tritanopia
4C1718

Trichromacy



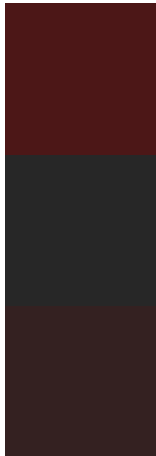
Original Color
4C1717

Protanomaly
39231B

Deuteranomaly
3D2215

Tritanomaly
4C1718

Monochromacy



Original Color
4C1717

Achromatopsia
272727

Achromatomaly
342121

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1717 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 #4C1717 looks like.

```
.text, #text, p{  
    color:#4C1717  
}
```

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 #4C1717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1717
}
```

Border

The CSS property to change the border of an element to Hex 4C1717 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
#4C1717 }
```

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

```
.border{ border-color:#4C1717 }
```

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

Here you see how a box with a 4 pixel #4C1717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1717; -webkit-box-shadow:4px 4px  
4px 4px #4C1717; box-shadow:4px 4px 4px  
4px #4C1717 }
```

Background

The CSS property to change the background color of an element to Hex 4C1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1717 }
```

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

```
.background{ background-color:#4C1717 }
```

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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