

Converting Colors

Hex(48171A)

Have a look what the booklet for
Hex(48171A) contains.

Hex(48171A)	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(48171A)

Conversions

Conversions Part 1

Format	Color
Hex	48171A
RGB	72, 23, 26
RGB Percent	28%, 9%, 10%
CMY	0.7176, 0.9098, 0.8980
CMYK	0.00, 0.68, 0.64, 0.72
HSL	356°, 52%, 19%
HSV	356°, 68%, 28%
XYZ	3.1653, 2.0651, 1.2091
YIQ	37.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

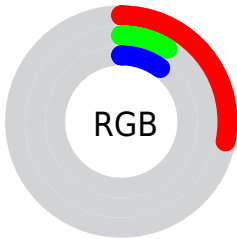
Format	Color
R_{YB}	72, 23, 26
Decimal	4724506
CIE Lab	15.83, 23.69, 10.25
CIE LCh	16, 25.811, 23.401
Yxy	2.0651, 0.4916, 0.3207
Android (android.graphics.Color)	4282914586 (0xFF48171A)
YUV	37.9930, -5.9125, 29.8241
Hunter-Lab	14.3704, 14.1695, 5.0709




Details

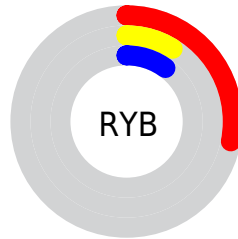
The Hex color **48171A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **174845**, and the grayscale version is **262626**.



A 20% lighter version of the original color is **7C4545**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **481013**, and if you desaturate by 10%, it is **481E21**.

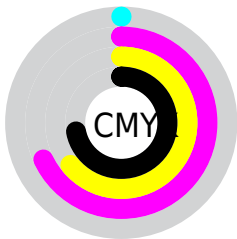
Distribution







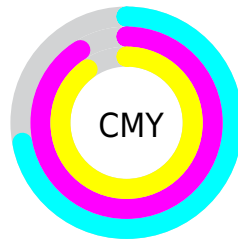
-  Red (28%)
-  Green (9%)
-  Blue (10%)






-  Red (28%)
-  Yellow (9%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (64%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (91%)
-  Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Hex color 48171A 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 48171A by changing the saturation by 10% instead.

 48171A

 48171A

FFFFFFD

 310000

 7C4545

 0E0000

 975D5C

 000000

 B27675

 CF908F

 ECABA9

 FFC6C4

 FFE2E0

 48171A

 48171A

■ 481013

■ 481E21

■ 48090C

■ 482528

■ 480106

■ 482D2E

■ 480004

■ 483435

■ 483B3C

■ 484243

■ 484949

■ 485150

■ 485857

Harmonies

Analogous

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



46162C



48171A



411E07

Triad

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



48171A



0A2E10



002B4C

Complementary

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



48171A



174845

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.



002E45



48171A



003023

Square

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



48171A



242B00



003035



202449

Rectangle

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



48171A



3A2300



003035



002C4A

Sweetspot

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



48171A



5E4B4D



451748



302526



B0B0B0



303030

Same Dimension

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



48171A



5E1116



482C17



242020



630006



E3000E

Inverse Universe

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



48171A



5E1116



173348



242020



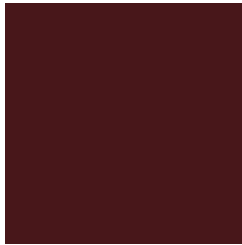
630006



E3000E

Previews

White Background



This preview shows how the Hex color 48171A looks on a white background.

Color Contrast Check

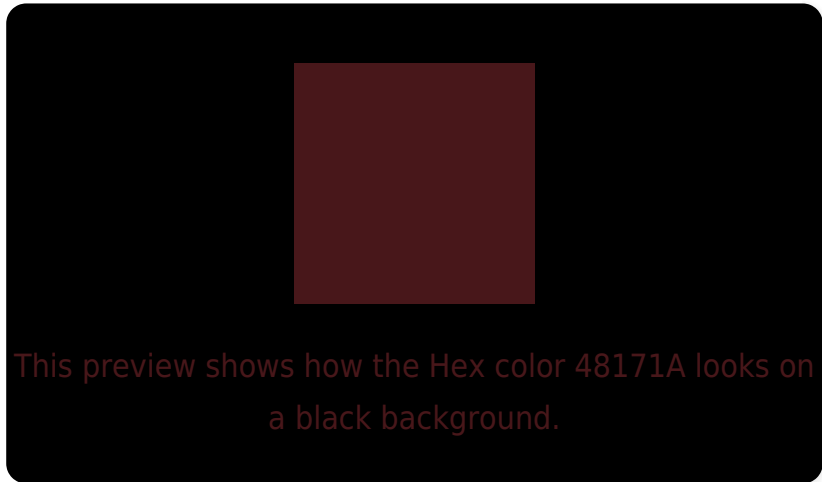
Large Text (above 18pt) WCAG AA ✓ Pass

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

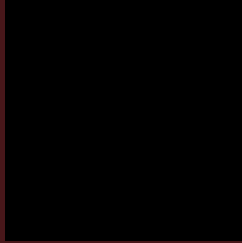
Any Text WCAG AA × Fail

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 48171A Background



This preview shows how black text looks on a background with the Hex color 48171A.



This preview shows how white text looks on a background with the Hex color 48171A.

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
48171A

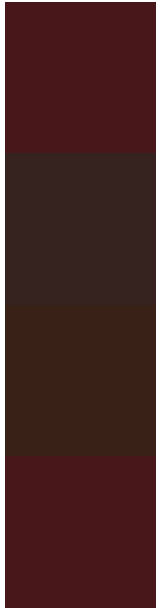
Protanopia
2B2921

Deuteranopia
322717



Tritanopia
481718

Trichromacy



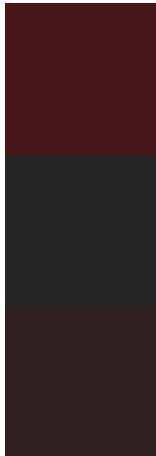
Original Color
48171A

Protanomaly
36221E

Deuteranomaly
3A2118

Tritanomaly
481719

Monochromacy



Original Color
48171A

Achromatopsia
262626

Achromatomaly
322122

CSS Examples

Text

The CSS property to change the color of the text to Hex 48171A 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 #48171A looks like.

```
.text, #text, p{  
    color:#48171A  
}
```

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 #48171A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48171A
}
```

Border

The CSS property to change the border of an element to Hex 48171A 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".

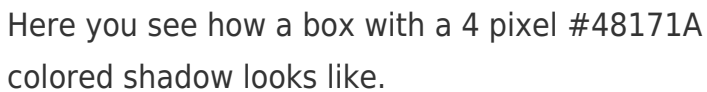
```
.border, #border, table{ border:4px solid
#48171A }
```

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

```
.border{ border-color:#48171A }
```

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

Here you see how a box with a 4 pixel #48171A 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 #48171A; -webkit-box-shadow:4px 4px  
4px 4px #48171A; box-shadow:4px 4px 4px  
4px #48171A }
```

Background

The CSS property to change the background color of an element to Hex 48171A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48171A }
```

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

```
.background{ background-color:#48171A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor