

Converting Colors

Hex(49211B)

Have a look what the booklet for
Hex(49211B) contains.

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Color

Hex(49211B)

Conversions

Conversions Part 1

Format	Color
Hex	49211B
RGB	73, 33, 27
RGB Percent	29%, 13%, 11%
CMY	0.7137, 0.8706, 0.8941
CMYK	0.00, 0.55, 0.63, 0.71
HSL	8°, 46%, 20%
HSV	8°, 63%, 29%
XYZ	3.4893, 2.5833, 1.3516
YIQ	44.2760, 25.7660, 6.6140

Conversions

Conversions Part 2

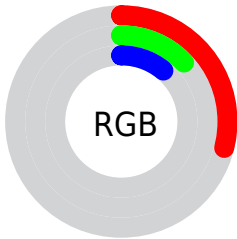
Format	Color
RYB	73, 34, 27
Decimal	4792603
CIELab	18.29, 18.37, 12.81
CIELCh	18, 22.398, 34.898
Yxy	2.5833, 0.4700, 0.3480
Android (android.graphics.Color)	4282982683 (0xFF49211B)
YUV	44.2760, -8.5171, 25.1909
Hunter-Lab	16.0727, 10.6247, 6.2649

Details

The Hex color **49211B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B4349**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7C4E46**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **491B14**, and if you desaturate by 10%, it is **492722**.

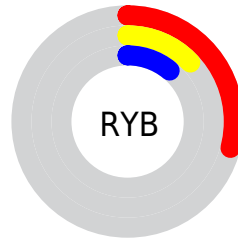
Distribution



Red (29%)

Green (13%)

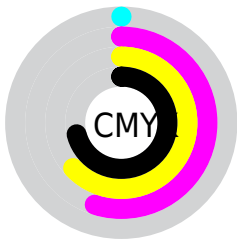
Blue (11%)



Red (29%)

Yellow (13%)

Blue (11%)

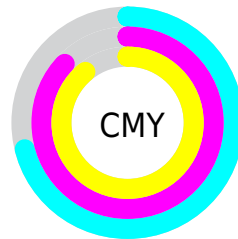


Cyan (0%)

Magenta (55%)

Yellow (63%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49211B 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 49211B by changing the saturation by 10% instead.

 49211B

 49211B

FFFFFF

 320C00

 7C4E46

 170000

 97675E

 000000

 B38077

 CF9A90

 ECB5AB

 FFD1C6

 FFEDE2

 49211B

 49211B

■ 491B14

■ 492722

■ 49140C

■ 492E2A

■ 490E05

■ 493431

■ 490A00

■ 493A38

■ 494140

■ 494747

■ 494D4E

■ 495455

■ 495A5D

Harmonies

Analogous

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



4A1E2B



49211B



41270F

Triad

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



49211B



0A341E



132E4D

Complementary

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



49211B



1B4349

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.



00324A



49211B



00352F

Square

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



49211B



223111



00343F



312747

Rectangle

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



49211B



382B0A



00343F



002F4D

Sweetspot

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



49211B



5E4F4C



491B44



302725



B0B0B0



303030

Same Dimension

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



49211B



5E2017



49371B



242120



630D00



E31E00

Inverse Universe

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



1B4349



17555E



1B2D49



202324



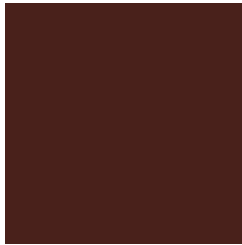
005663



00C5E3

Previews

White Background



This preview shows how the Hex color 49211B looks on a white background.

Color Contrast Check

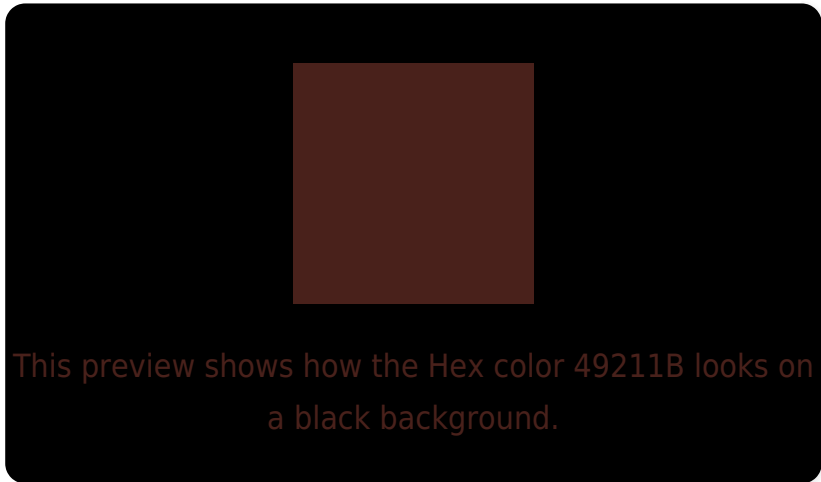
Large Text (above 18pt) WCAG AA ✓ Pass

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

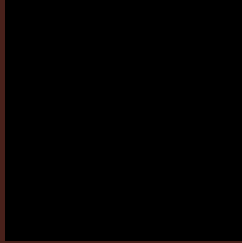
Any Text WCAG AA × Fail

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 49211B Background



This preview shows how black text looks on a background with the Hex color 49211B.

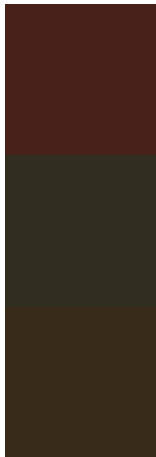


This preview shows how white text looks on a background with the Hex color 49211B.

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

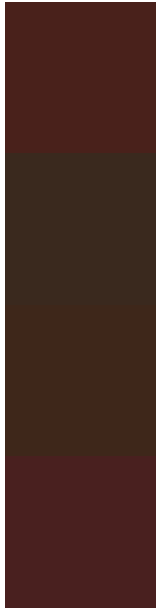


Original Color
49211B

Protanopia
312D20

Deuteranopia
382B19

Trichromacy



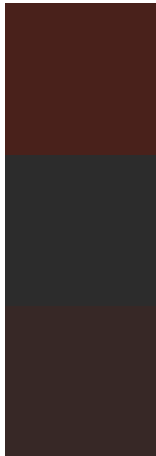
Original Color
49211B

Protanomaly
3A291E

Deuteranomaly
3E271A

Tritanomaly
49201F

Monochromacy



Original Color
49211B

Achromatopsia
2C2C2C

Achromatomaly
372826

CSS Examples

Text

The CSS property to change the color of the text to Hex 49211B 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 #49211B looks like.

```
.text, #text, p{  
    color:#49211B  
}
```

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 #49211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49211B
}
```

Border

The CSS property to change the border of an element to Hex 49211B 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".

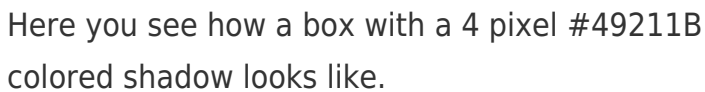
```
.border, #border, table{ border:4px solid
#49211B }
```

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

```
.border{ border-color:#49211B }
```

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

Here you see how a box with a 4 pixel #49211B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49211B; -webkit-box-shadow:4px 4px  
4px 4px #49211B; box-shadow:4px 4px 4px  
4px #49211B }
```

Background

The CSS property to change the background color of an element to Hex 49211B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49211B }
```

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

```
.background{ background-color:#49211B }
```

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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