

Converting Colors

Hex(49150C)

Have a look what the booklet for
Hex(49150C) contains.

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Color

Hex(49150C)

Conversions

Conversions Part 1

Format	Color
Hex	49150C
RGB	73, 21, 12
RGB Percent	29%, 8%, 5%
CMY	0.7137, 0.9176, 0.9529
CMYK	0.00, 0.71, 0.84, 0.71
HSL	9°, 72%, 17%
HSV	9°, 84%, 29%
XYZ	3.0822, 1.9793, 0.5674
YIQ	35.5220, 33.8810, 8.2250

Conversions

Conversions Part 2

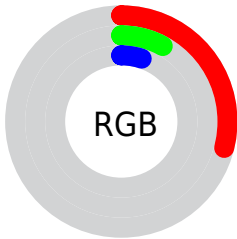
Format	Color
R_{YB}	73, 23, 12
Decimal	4789516
CIE _{Lab}	15.38, 24.19, 18.40
CIE _{LCh}	15, 30.394, 37.253
Yxy	1.9793, 0.5476, 0.3516
Android (android.graphics.Color)	4282979596 (0xFF49150C)
YUV	35.5220, -11.5963, 32.8682
Hunter-Lab	14.0689, 14.4847, 7.4569

Details

The Hex color **49150C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C4049**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7E4337**, and **0B0000** is the 20% darker color. If you saturate the color by 10%, you get **490F05**, and if you desaturate by 10%, it is **491B13**.

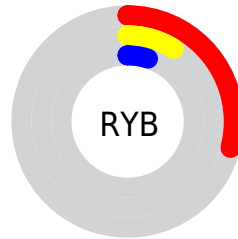
Distribution



Red (29%)

Green (8%)

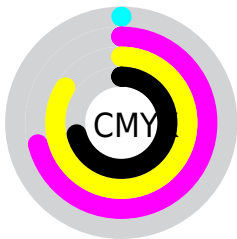
Blue (5%)



Red (29%)

Yellow (9%)

Blue (5%)

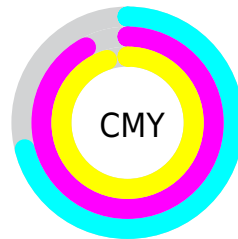


Cyan (0%)

Magenta (71%)

Yellow (84%)

Black (71%)



Cyan (71%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49150C 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 49150C by changing the saturation by 10% instead.

 49150C

 49150C

 FFFDEC

 300000

 7E4337

 0B0000

 995B4E

 000000

 B57466

 D28E7F

 EFA899

 FFC4B4

 FFE0CF

 49150C

 49150C

■ 490F05

■ 491B13

■ 490B00

■ 49211B

■ 492822

■ 492E29

■ 493431

■ 493A38

■ 49413F

■ 494746

■ 494D4E

Harmonies

Analogous

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



4C0E22



49150C



3E1F00

Triad

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



49150C



002F15



002751

Complementary

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



49150C



0C4049

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.



002D4E



49150C



00302B

Square

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



49150C



162C00



003040



2D1E49

Rectangle

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



49150C



332500



003040



002A52

Sweetspot

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



49150C



5E4A47



490C41



302422



B0B0B0



303030

Same Dimension

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



49150C



5E0E00



49330C



242120



630F00



E32100

Inverse Universe

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



0C4049



00505E



0C2249



202324



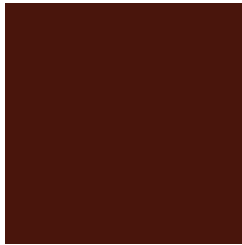
005563



00C1E3

Previews

White Background



This preview shows how the Hex color 49150C looks on a white background.

Color Contrast Check

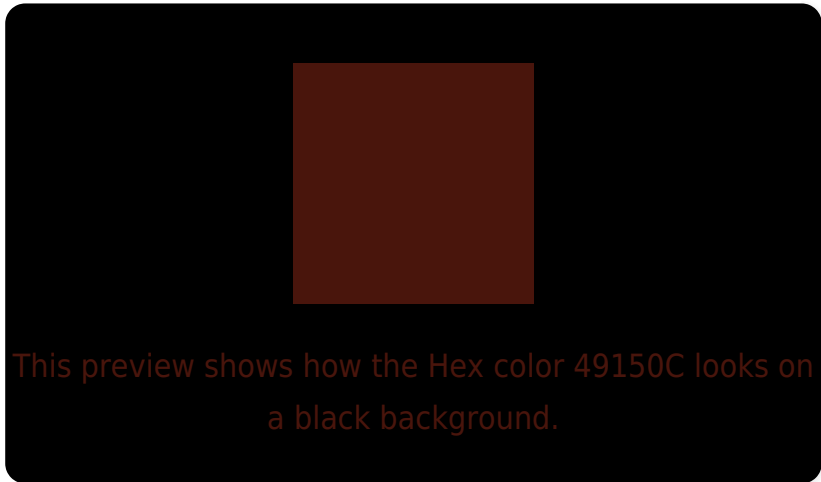
Large Text (above 18pt) WCAG AA ✓ Pass

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

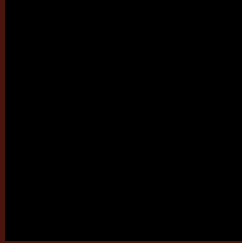
Any Text WCAG AA × Fail

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 49150C Background



This preview shows how black text looks on a background with the Hex color 49150C.

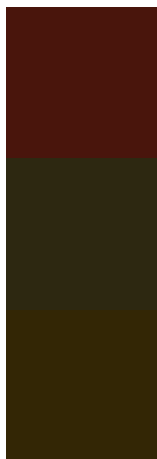


This preview shows how white text looks on a background with the Hex color 49150C.

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
49150C

Protanopia
2D2811

Deuteranopia
332605



Tritanopia
491415

Trichromacy



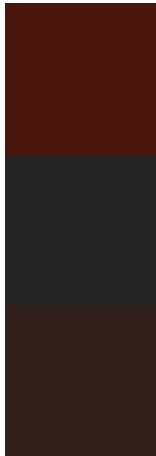
Original Color
49150C

Protanomaly
37210F

Deuteranomaly
3B2008

Tritanomaly
491412

Monochromacy



Original Color
49150C

Achromatopsia
242424

Achromatomaly
311F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 49150C 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 #49150C looks like.

```
.text, #text, p{  
    color:#49150C  
}
```

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 #49150C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49150C }  
}
```

Border

The CSS property to change the border of an element to Hex 49150C is called "border". The border property can be set on classes, ids or directly on the HTML element.

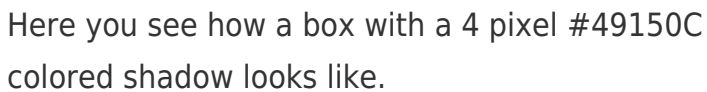
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #49150C }  
}
```

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

```
.border{ border-color:#49150C }
```

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



Here you see how a box with a 4 pixel #49150C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49150C; -webkit-box-shadow:4px 4px  
4px 4px #49150C; box-shadow:4px 4px 4px  
4px #49150C }
```

Background

The CSS property to change the background color of an element to Hex 49150C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49150C }
```

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

```
.background{ background-color:#49150C }
```

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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