

# Converting Colors

Hex(48251D)

Have a look what the booklet for  
Hex(48251D) contains.

<b>Hex(48251D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(48251D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48251D
RGB	72, 37, 29
RGB Percent	28%, 15%, 11%
CMY	0.7176, 0.8549, 0.8863
CMYK	0.00, 0.49, 0.60, 0.72
HSL	11°, 43%, 20%
HSV	11°, 60%, 28%
XYZ	3.5558, 2.7896, 1.5134
YIQ	46.5530, 23.4280, 4.9320

# Conversions

## Conversions Part 2

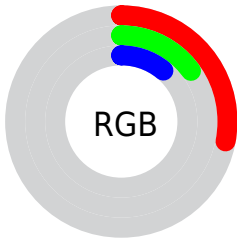
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 39, 29
Decimal	4728093
CIE Lab	19.18, 15.59, 12.57
CIE LCh	19, 20.022, 38.884
Yxy	2.7896, 0.4525, 0.3550
Android (android.graphics.Color)	4282918173 (0xFF48251D)
YUV	46.5530, -8.6536, 22.3170
Hunter-Lab	16.7020, 8.7739, 6.3189

# Details

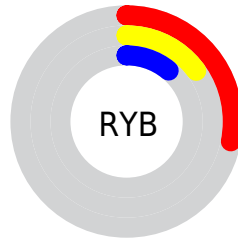
The Hex color **48251D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D4048**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7B5249**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **481F16**, and if you desaturate by 10%, it is **482B24**.

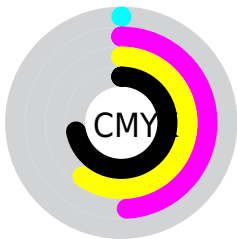
# Distribution



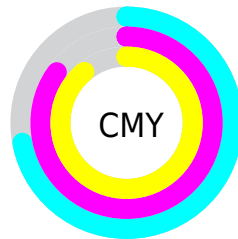
- Red (28%)
- Green (15%)
- Blue (11%)



- Red (28%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (72%)



- Cyan (72%)
- Magenta (85%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48251D 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 48251D by changing the saturation by 10% instead.



 48251D

 48251D

FFFFFF

 311004

 7B5249

 190001

 956B60

 000000

 B18479

 CD9E93

 E9B9AE

 FFD5C9

 FFF1E5

 48251D

 48251D

■ 481F16

■ 482B24

■ 48190F

■ 48312B

■ 481307

■ 483733

■ 480E00

■ 483C3A

■ 480D00

■ 484241

■ 484848

■ 484E4F

■ 485457

■ 485A5E

# Harmonies

## Analogous

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



4A222B



48251D



402A13

# Triad

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



48251D



0F3524



1E2F4B

# Complementary

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



48251D



1D4048

# 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.



003349



48251D



003633

# Square

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



48251D



233317



003540



352945

# Rectangle

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



48251D



382E11



003540



13304B



# Sweetspot

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



48251D



5E514D



481D40



302826



B0B0B0



303030



# Same Dimension

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



48251D



5E271A



483A1D



242120



631300



E32A00



# Inverse Universe

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



1D4048



1A525E



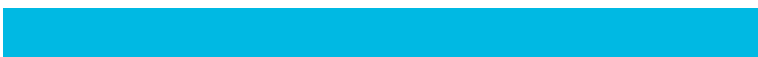
1D2B48



202324



005163

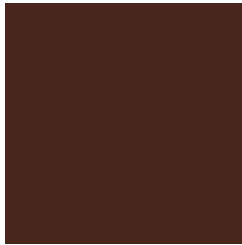


00B9E3



# Previews

## White Background



This preview shows how the Hex color 48251D looks on a white background.

## Color Contrast Check

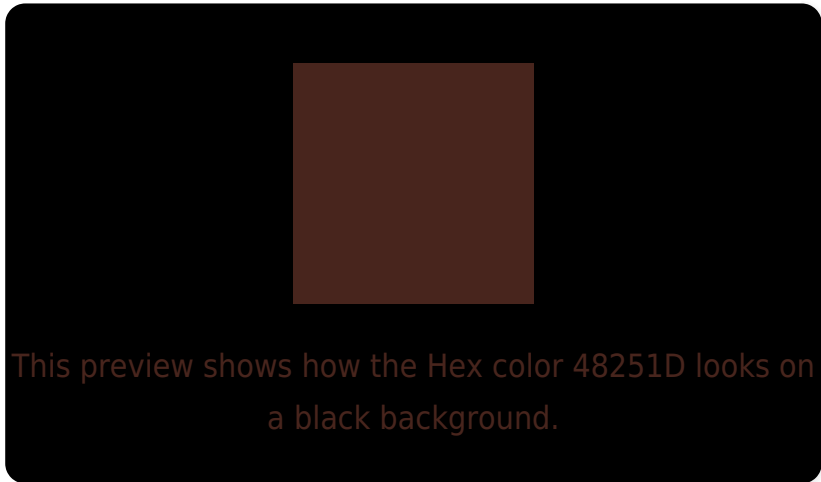
Large Text (above 18pt) WCAG AA ✓ Pass

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

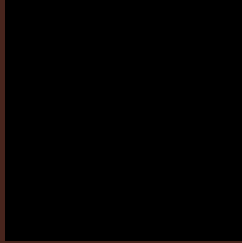
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 48251D Background



This preview shows how black text looks on a background with the Hex color 48251D.

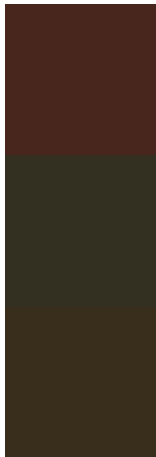


This preview shows how white text looks on a background with the Hex color 48251D.

# 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**  
48251D

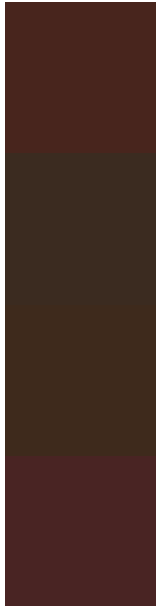
**Protanopia**  
332F21

**Deuteranopia**  
392D1B



**Tritanopia**  
492426

# Trichromacy



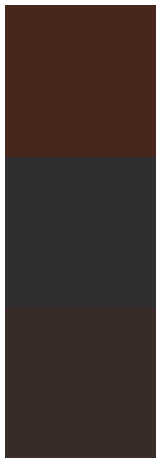
**Original Color**  
48251D

**Protanomaly**  
3B2B20

**Deuteranomaly**  
3E2A1C

**Tritanomaly**  
492423

# Monochromacy



**Original Color**  
48251D

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
382B28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48251D 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 #48251D looks like.

```
.text, #text, p{  
    color:#48251D  
}
```

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 #48251D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48251D
}
```

## Border

The CSS property to change the border of an element to Hex 48251D 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".

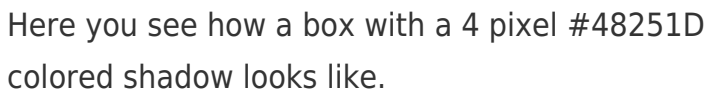
```
.border, #border, table{ border:4px solid
#48251D }
```

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

```
.border{ border-color:#48251D }
```

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

Here you see how a box with a 4 pixel #48251D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48251D; -webkit-box-shadow:4px 4px  
4px 4px #48251D; box-shadow:4px 4px 4px  
4px #48251D }
```

# Background

The CSS property to change the background color of an element to Hex 48251D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48251D }
```

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

```
.background{ background-color:#48251D }
```

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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