

# Converting Colors

Hex(48502D)

Have a look what the booklet for  
Hex(48502D) contains.

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# Color

Hex(48502D)

# Conversions

## Conversions Part 1

Format	Color
Hex	48502D
RGB	72, 80, 45
RGB Percent	28%, 31%, 18%
CMY	0.7176, 0.6863, 0.8235
CMYK	0.10, 0.00, 0.44, 0.69
HSL	74°, 28%, 25%
HSV	74°, 44%, 31%
XYZ	6.0148, 7.3045, 3.5755
YIQ	73.6180, 6.4670, -12.5810

# Conversions

## Conversions Part 2

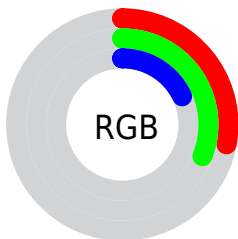
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 80, 53
Decimal	4739117
CIELab	32.49, -9.76, 19.56
CIELCh	32, 21.858, 116.521
Yxy	7.3045, 0.3560, 0.4324
Android (android.graphics.Color)	4282929197 (0xFF48502D)
YUV	73.6180, -14.1087, -1.4190
Hunter-Lab	27.0268, -7.5719, 11.0750

# Details

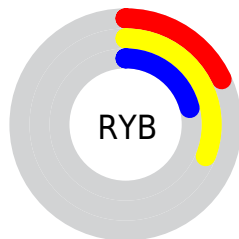
The Hex color **48502D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **352D50**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **79815B**, and **1D2300** is the 20% darker color. If you saturate the color by 10%, you get **465025**, and if you desaturate by 10%, it is **4A5035**.

# Distribution



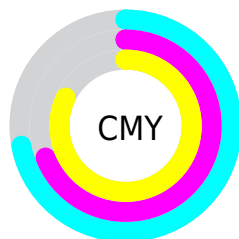
- Red (28%)
- Green (31%)
- Blue (18%)



- Red (18%)
- Yellow (31%)
- Blue (21%)



- Cyan (10%)
- Magenta (0%)
- Yellow (44%)
- Black (69%)



- Cyan (72%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48502D 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 48502D by changing the saturation by 10% instead.



 48502D

 48502D

FFFFFF

 313918

 79815B

 1D2300

 939B74

 000F00

 AEB68E

 000000

 C9D2A8

 E6EEC4

 FFFF00

FFFEE0

 FFFFFC

FFFFFC

 48502D

 48502D

■ 465025

■ 4A5035

■ 44501D

■ 4C503D

■ 435015

■ 4D5045

■ 41500D

■ 4F504D

■ 3F5005

■ 515055

■ 3E5000

■ 53505D

■ 555065

■ 57506D

■ 585075

# Harmonies

## Analogous

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



594B2A



48502D



345439

# Triad

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



48502D



0E5369



6C3F4F

# Complementary

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



48502D



352D50

# 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.



604360



48502D



2F4F6F

# Square

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



48502D



00555B



4B496B



6E403E

# Rectangle

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



48502D



245544



4B496B



694055



# Sweetspot

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



48502D



65695B



50352D



34362D



B5B5B5



363636



# Same Dimension

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



48502D



5C6931



37502D



282925



516900



B3E800



# Inverse Universe

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



352D50



3E3169



462D50



262529



180069



3500E8



# Previews

## White Background



This preview shows how the Hex color 48502D looks on a white background.

## Color Contrast Check

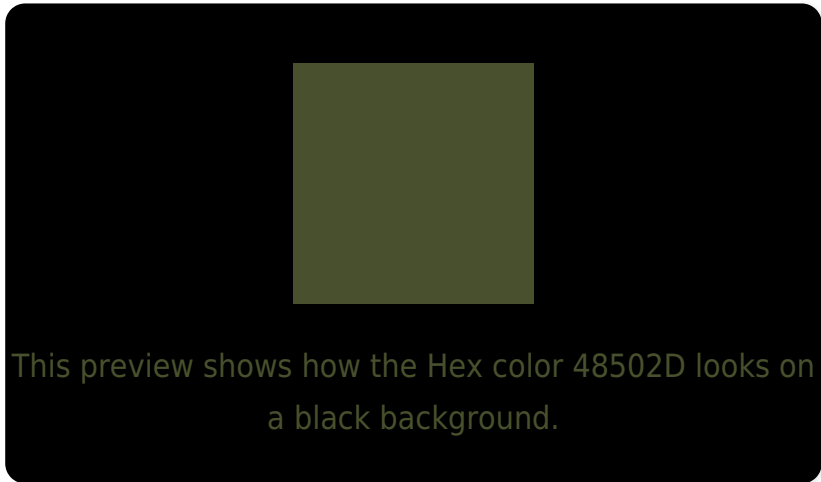
Large Text (above 18pt) WCAG AA ✓ Pass

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

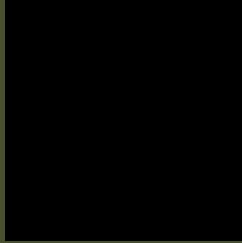
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48502D Background



This preview shows how black text looks on a background with the Hex color 48502D.



This preview shows how white text looks on a background with the Hex color 48502D.

# 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**  
48502D

**Protanopia**  
544C2C

**Deuteranopia**  
5C492F



**Tritanopia**  
4D4C52

# Trichromacy



**Original Color**  
48502D

**Protanomaly**  
504D2C

**Deuteranomaly**  
554C2E

**Tritanomaly**  
4B4D45

# Monochromacy



**Original Color**  
48502D

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
494C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48502D 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 #48502D looks like.

```
.text, #text, p{  
    color:#48502D  
}
```

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 #48502D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48502D
}
```

## Border

The CSS property to change the border of an element to Hex 48502D 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
#48502D }
```

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

```
.border{ border-color:#48502D }
```

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

Here you see how a box with a 4 pixel #48502D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48502D; -webkit-box-shadow:4px 4px  
4px 4px #48502D; box-shadow:4px 4px 4px  
4px #48502D }
```

# Background

The CSS property to change the background color of an element to Hex 48502D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48502D }
```

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

```
.background{ background-color:#48502D }
```

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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