

# Converting Colors

Hex(47582C)

Have a look what the booklet for  
Hex(47582C) contains.

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# Color

Hex(47582C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47582C
RGB	71, 88, 44
RGB Percent	28%, 35%, 17%
CMY	0.7216, 0.6549, 0.8275
CMYK	0.19, 0.00, 0.50, 0.65
HSL	83°, 33%, 26%
HSV	83°, 50%, 35%
XYZ	6.5429, 8.5009, 3.6789
YIQ	77.9010, 3.9920, -17.2880

# Conversions

## Conversions Part 2

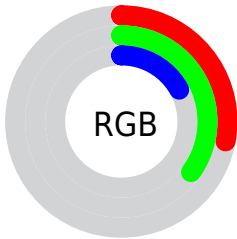
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 88, 61
Decimal	4675628
CIELab	35.01, -14.93, 23.28
CIElCh	35, 27.659, 122.672
Yxy	8.5009, 0.3495, 0.4540
Android (android.graphics.Color)	4282865708 (0xFF47582C)
YUV	77.9010, -16.7132, -6.0522
Hunter-Lab	29.1563, -10.9668, 12.9283

# Details

The Hex color **47582C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D2C58**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **788A5B**, and **1B2A00** is the 20% darker color. If you saturate the color by 10%, you get **445823**, and if you desaturate by 10%, it is **4A5835**.

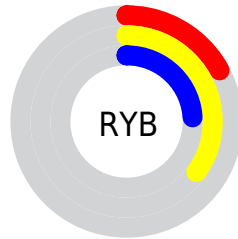
# Distribution



Red (28%)

Green (35%)

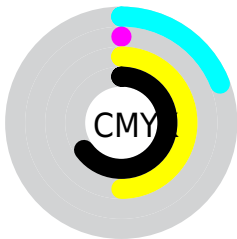
Blue (17%)



Red (17%)

Yellow (35%)

Blue (24%)

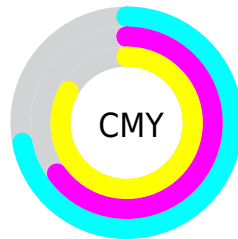


Cyan (19%)

Magenta (0%)

Yellow (50%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47582C 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 47582C by changing the saturation by 10% instead.





47582C



47582C

FFFFFF



304116



788A5B



1B2A00



92A474



001700



ADBF8D



000000



C9DBA8



E5F8C3



FFFFDF



FFFFFC



47582C



47582C

■ 445823

■ 4A5835

■ 40581A

■ 4E583E

■ 3D5812

■ 515846

■ 395809

■ 55584F

■ 365800

■ 585858

■ 5B5861

■ 5F586A

■ 625872

■ 66587B

# Harmonies

## Analogous

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



5E5225



47582C



2B5C3D

# Triad

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



47582C



005A79



7B4051

# Complementary

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



47582C



3D2C58

# 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.



6F4467



47582C



31547E

# Square

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



47582C



005D69



574C77



7B433C

# Rectangle

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



47582C



0D5D4C



574C77



794159



# Sweetspot

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



47582C



6C7362



583D2C



373B30



BABABA



3B3B3B



# Same Dimension

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



47582C



58732E



31582C



2A2B27



426B00



90EB00



# Inverse Universe

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



3D2C58



492E73



532C58



29272B



29006B



5B00EB



# Previews

## White Background



This preview shows how the Hex color 47582C looks on a white background.

## Color Contrast Check

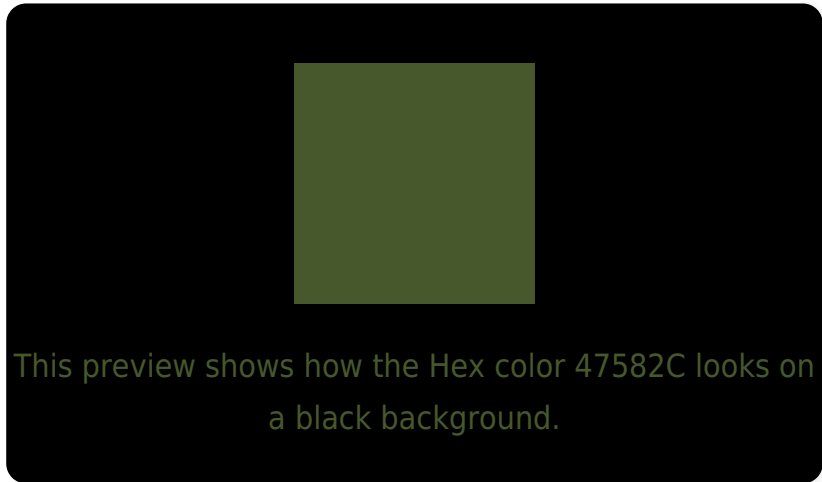
Large Text (above 18pt) WCAG AA ✓ Pass

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

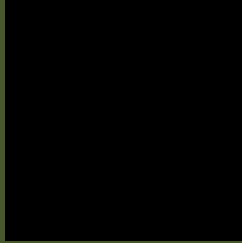
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47582C Background



This preview shows how black text looks on a background with the Hex color 47582C.



This preview shows how white text looks on a background with the Hex color 47582C.

# 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**  
47582C

**Protanopia**  
5B522A

**Deuteranopia**  
644E2E



**Tritanopia**  
4D535A

# Trichromacy



**Original Color**  
47582C

**Protanomaly**  
54542B

**Deuteranomaly**  
59522D

**Tritanomaly**  
4B5549

# Monochromacy



**Original Color**  
47582C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4B5242

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47582C 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 #47582C looks like.

```
.text, #text, p{  
    color:#47582C  
}
```

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 #47582C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47582C
}
```

## Border

The CSS property to change the border of an element to Hex 47582C 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".

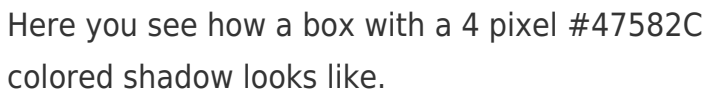
```
.border, #border, table{ border:4px solid
#47582C }
```

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

```
.border{ border-color:#47582C }
```

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

Here you see how a box with a 4 pixel #47582C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47582C; -webkit-box-shadow:4px 4px  
4px 4px #47582C; box-shadow:4px 4px 4px  
4px #47582C }
```

# Background

The CSS property to change the background color of an element to Hex 47582C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47582C }
```

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

```
.background{ background-color:#47582C }
```

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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