

Converting Colors

Hex(48332B)

Have a look what the booklet for
Hex(48332B) contains.

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Color

Hex(48332B)

Conversions

Conversions Part 1

Format	Color
Hex	48332B
RGB	72, 51, 43
RGB Percent	28%, 20%, 17%
CMY	0.7176, 0.8000, 0.8314
CMYK	0.00, 0.29, 0.40, 0.72
HSL	17°, 25%, 23%
HSV	17°, 40%, 28%
XYZ	4.2924, 3.9198, 2.8159
YIQ	56.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

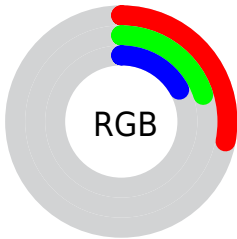
Format	Color
RYB	72, 54, 43
Decimal	4731691
CIELab	23.40, 8.21, 8.79
CIELCh	23, 12.030, 46.972
Yxy	3.9198, 0.3892, 0.3554
Android (android.graphics.Color)	4282921771 (0xFF48332B)
YUV	56.3670, -6.5899, 13.7101
Hunter-Lab	19.7985, 4.0520, 5.4263

Details

The Hex color **48332B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B4048**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **796158**, and **1D0500** is the 20% darker color. If you saturate the color by 10%, you get **482E24**, and if you desaturate by 10%, it is **483832**.

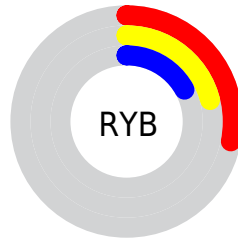
Distribution



 Red (28%)

 Green (20%)

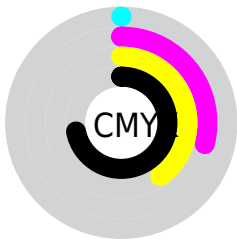
 Blue (17%)




 Red (28%)

 Yellow (21%)

 Blue (17%)

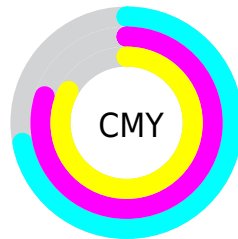


 Cyan (0%)


 Magenta (29%)

 Yellow (40%)

 Black (72%)



 Cyan (72%)

 Magenta (80%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48332B 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 48332B by changing the saturation by 10% instead.



48332B



48332B

FFFFFF



311E17



796158



1D0500



937A71



000000



AE948A



CAAF A5



E6CAC0



FFE6DC



FFFFF8



48332B



48332B

■ 482E24

■ 483832

■ 48291D

■ 483D39

■ 482315

■ 484341

■ 481E0E

■ 484848

■ 481907

■ 484D4F

■ 481400

■ 485256

■ 48575D

■ 485D65

■ 48626C

Harmonies

Analogous

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



4A3133



48332B



423626

Triad

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



48332B



253D33



343749

Complementary

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



48332B



2B4048

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.



273A49



48332B



1E3D3D

Square

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



48332B



2F3B2B



1E3C45



3F3444

Rectangle

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



48332B



3C3826



1E3C45



303849

Sweetspot

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



48332B



5E5653



482B40



302C2A



B0B0B0



303030

Same Dimension

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



48332B



5E3E31



48412B



242120



631B00



E33F00

Inverse Universe

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



2B4048



31525E



2B3248



202324



004863



00A4E3

Previews

White Background



This preview shows how the Hex color 48332B looks on a white background.

Color Contrast Check

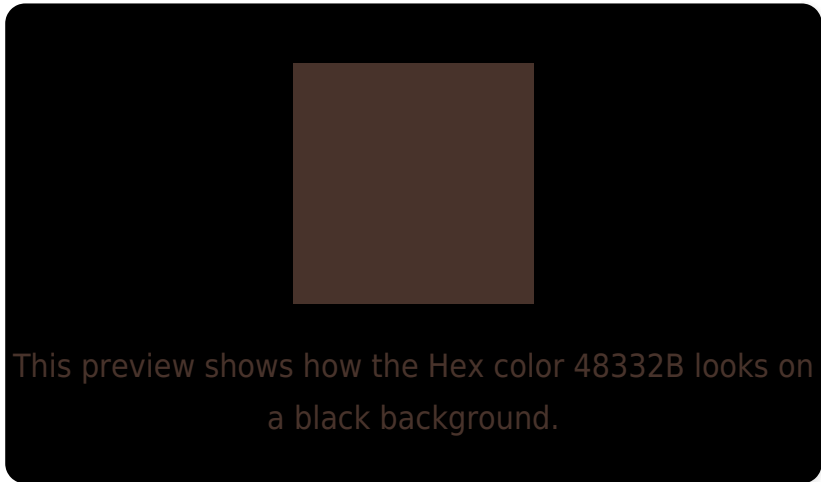
Large Text (above 18pt) WCAG AA ✓ Pass

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

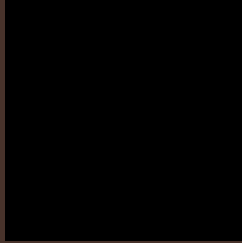
Any Text WCAG AA × Fail

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 48332B Background



This preview shows how black text looks on a background with the Hex color 48332B.

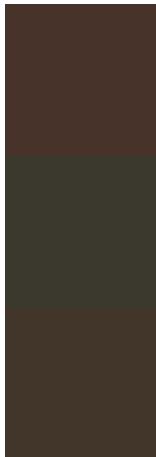


This preview shows how white text looks on a background with the Hex color 48332B.

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
48332B

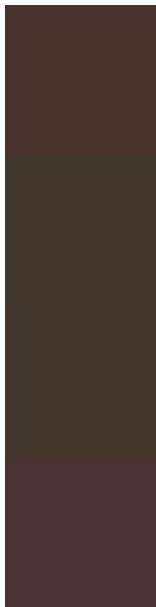
Protanopia
3B382D

Deuteranopia
42362A



Tritanopia
493235

Trichromacy



Original Color

48332B

Protanomaly

40362C

Deuteranomaly

44352A

Tritanomaly

493231

Monochromacy



Original Color

48332B

Achromatopsia

383838

Achromatomaly

3E3633

CSS Examples

Text

The CSS property to change the color of the text to Hex 48332B 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 #48332B looks like.

```
.text, #text, p{  
    color:#48332B  
}
```

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 #48332B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48332B  
}
```

Border

The CSS property to change the border of an element to Hex 48332B is called "border". The border property can be set on classes, ids or directly on the HTML element.

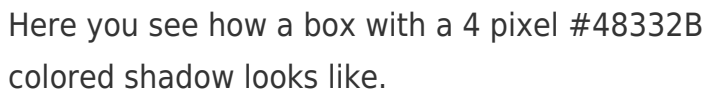
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#48332B }
```

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

```
.border{ border-color:#48332B }
```

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



Here you see how a box with a 4 pixel #48332B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48332B; -webkit-box-shadow:4px 4px  
4px 4px #48332B; box-shadow:4px 4px 4px  
4px #48332B }
```

Background

The CSS property to change the background color of an element to Hex 48332B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48332B }
```

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

```
.background{ background-color:#48332B }
```

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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