

Converting Colors

Hex(2C582C)

Have a look what the booklet for
Hex(2C582C) contains.

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Color

Hex(2C582C)

Conversions

Conversions Part 1

Format	Color
Hex	2C582C
RGB	44, 88, 44
RGB Percent	17%, 35%, 17%
CMY	0.8275, 0.6549, 0.8275
CMYK	0.50, 0.00, 0.50, 0.65
HSL	120°, 33%, 26%
HSV	120°, 50%, 35%
XYZ	4.9831, 7.6968, 3.6059
YIQ	69.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

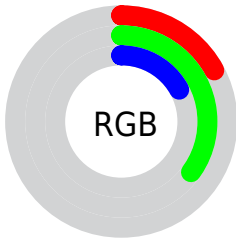
Format	Color
RYB	44, 88, 88
Decimal	2906156
CIELab	33.34, -25.55, 20.85
CIElCh	33, 32.977, 140.787
Yxy	7.6968, 0.3060, 0.4726
Android (android.graphics.Color)	4281096236 (0xFF2C582C)
YUV	69.8280, -12.7332, -22.6512
Hunter-Lab	27.7431, -16.4892, 11.7140

Details

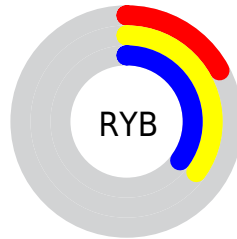
The Hex color **2C582C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **582C58**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5D8A5B**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **235823**, and if you desaturate by 10%, it is **355835**.

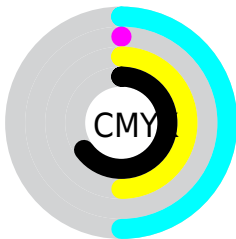
Distribution



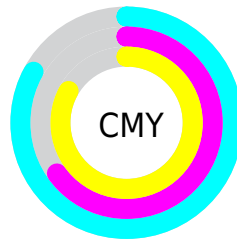
- Red (17%)
- Green (35%)
- Blue (17%)



- Red (17%)
- Yellow (35%)
- Blue (35%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C582C 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 2C582C by changing the saturation by 10% instead.

 2C582C

 2C582C

FFFFFF

 134016

 5D8A5B

 002A00

 77A573

 001400

 91C08D

 000000

 ACDCA8

 C8F9C3

 E4FFDF

 FFFFFC

 2C582C

 2C582C

■ 235823

■ 355835

■ 1A581A

■ 3E583E

■ 125812

■ 465846

■ 095809

■ 4F584F

■ 005800

■ 585858

■ 615861

■ 6A586A

■ 725872

■ 7B587B

Harmonies

Analogous

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



4B531B



2C582C



005B45

Triad

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



2C582C



005482



7F383D

Complementary

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



2C582C



582C58

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.



7A3858



2C582C



424B7F

Square

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



2C582C



005976



664070



764027

Rectangle

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



2C582C



005B57



664070



7F3746

Sweetspot

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



2C582C



627362



58582C



303B30



BABABA



3B3B3B

Same Dimension

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



2C582C



2E732E



2C5842



272B27



006B00



00EB00

Inverse Universe

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



582C58



732E73



582C42



2B272B



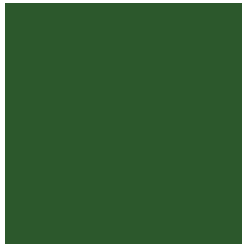
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 2C582C looks on a white background.

Color Contrast Check

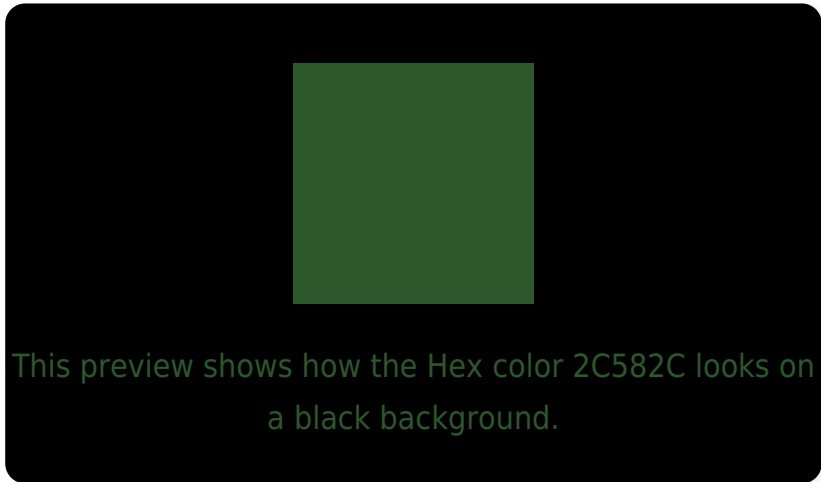
Large Text (above 18pt) WCAG AA ✓ Pass

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

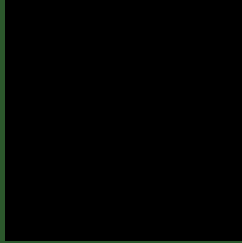
Any Text WCAG AA × Fail

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 2C582C Background



This preview shows how black text looks on a background with the Hex color 2C582C.



This preview shows how white text looks on a background with the Hex color 2C582C.

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](#).

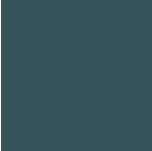
Dichromacy



Original Color
2C582C

Protanopia
564E29

Deuteranopia
5F4B2F



Tritanopia
36535A

Trichromacy



Original Color
2C582C

Protanomaly
47522A

Deuteranomaly
4C502E

Tritanomaly
325549

Monochromacy



Original Color
2C582C

Achromatopsia
464646

Achromatomaly
3D4D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C582C 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 #2C582C looks like.

```
.text, #text, p{  
    color:#2C582C  
}
```

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 #2C582C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C582C }  
}
```

Border

The CSS property to change the border of an element to Hex 2C582C 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".

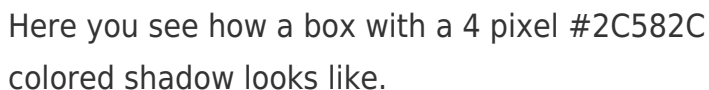
```
.border, #border, table{ border:4px solid #2C582C }  
}
```

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

```
.border{ border-color:#2C582C }
```

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

Here you see how a box with a 4 pixel #2C582C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C582C; -webkit-box-shadow:4px 4px  
4px 4px #2C582C; box-shadow:4px 4px 4px  
4px #2C582C }
```

Background

The CSS property to change the background color of an element to Hex 2C582C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C582C }
```

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

```
.background{ background-color:#2C582C }
```

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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