

Converting Colors

Hex(2C452C)

Have a look what the booklet for
Hex(2C452C) contains.

Hex(2C452C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C452C)

Conversions

Conversions Part 1

Format	Color
Hex	2C452C
RGB	44, 69, 44
RGB Percent	17%, 27%, 17%
CMY	0.8275, 0.7294, 0.8275
CMYK	0.36, 0.00, 0.36, 0.73
HSL	120°, 22%, 22%
HSV	120°, 36%, 27%
XYZ	3.6215, 4.9736, 3.1520
YIQ	58.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

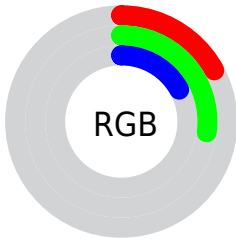
Format	Color
RYB	44, 69, 69
Decimal	2901292
CIELab	26.66, -15.63, 12.14
CIElCh	27, 19.789, 142.158
Yxy	4.9736, 0.3083, 0.4234
Android (android.graphics.Color)	4281091372 (0xFF2C452C)
YUV	58.6750, -7.2348, -12.8700
Hunter-Lab	22.3015, -10.0417, 7.2313

Details

The Hex color **2C452C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452C45**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5B755A**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **254525**, and if you desaturate by 10%, it is **334533**.

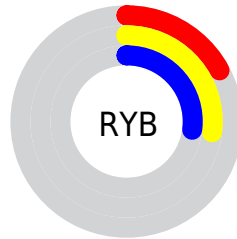
Distribution



Red (17%)

Green (27%)

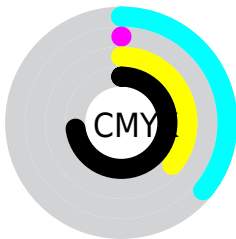
Blue (17%)



Red (17%)

Yellow (27%)

Blue (27%)

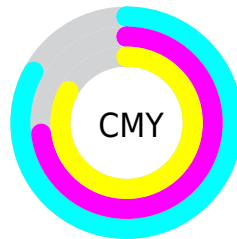


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (73%)



Cyan (83%)

Magenta (73%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C452C 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 2C452C by changing the saturation by 10% instead.

■ 2C452C

■ 2C452C

FFFFFF

■ 162F17

■ 5B755A

■ 001B00

■ 748F72

■ 000000

■ 8DAA8C

■ A8C5A6

■ C3E1C1

■ DFFEDD

■ FCFFFA

■ 2C452C

■ 2C452C

■ 254525

■ 334533

■ 1E451E

■ 3A453A

■ 174517

■ 414541

■ 104510

■ 484548

■ 0A450A

■ 4F454F

■ 034503

■ 554555

■ 004500

■ 5C455C

■ 634563

■ 6A456A

Harmonies

Analogous

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



3D4223



2C452C



17473A

Triad

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



2C452C



21425D



5C3434

Complementary

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



2C452C



452C45

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.



593444



2C452C



3B3D5B

Square

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



2C452C



014556



4E3752



573828

Rectangle

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



2C452C



054745



4E3752



5C3339

Sweetspot

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



2C452C



4F594F



45452C



282E28



ADADAD



2E2E2E

Same Dimension

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



2C452C



335933



2C4539



202420



006300



00E300

Inverse Universe

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



452C45



593359



452C39



242024



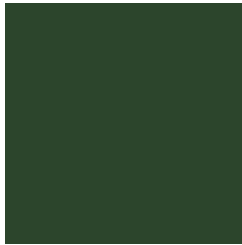
630063



E300E3

Previews

White Background



This preview shows how the Hex color 2C452C looks on a white background.

Color Contrast Check

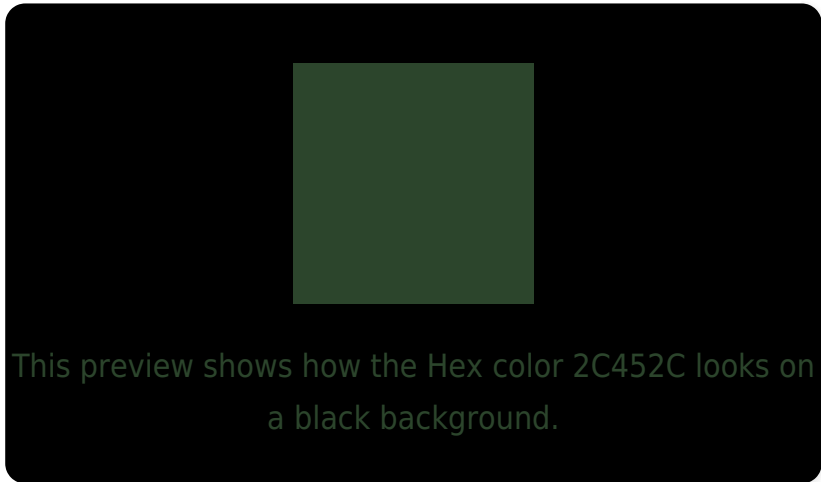
Large Text (above 18pt) WCAG AA ✓ Pass

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

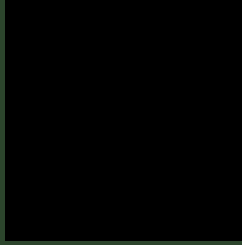
Any Text WCAG AA × Fail

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 2C452C Background



This preview shows how black text looks on a background with the Hex color 2C452C.



This preview shows how white text looks on a background with the Hex color 2C452C.

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
2C452C

Protanopia
443F29

Deuteranopia
4A3C2E



Tritanopia
314247

Trichromacy



Original Color
2C452C

Protanomaly
3B412A

Deuteranomaly
3F3F2D

Tritanomaly
2F433D

Monochromacy



Original Color
2C452C

Achromatopsia
3B3B3B

Achromatomaly
363F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C452C 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 #2C452C looks like.

```
.text, #text, p{  
    color:#2C452C  
}
```

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 #2C452C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C452C
}
```

Border

The CSS property to change the border of an element to Hex 2C452C is called "border". The border property can be set on classes, ids or directly on the HTML element.

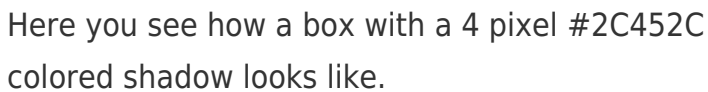
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C452C }
```

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

```
.border{ border-color:#2C452C }
```

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



Here you see how a box with a 4 pixel #2C452C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C452C; -webkit-box-shadow:4px 4px  
4px 4px #2C452C; box-shadow:4px 4px 4px  
4px #2C452C }
```

Background

The CSS property to change the background color of an element to Hex 2C452C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C452C }
```

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

```
.background{ background-color:#2C452C }
```

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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