

# Converting Colors

Hex(2C4C2C)

Have a look what the booklet for  
Hex(2C4C2C) contains.

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# Color

Hex(2C4C2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C4C2C
RGB	44, 76, 44
RGB Percent	17%, 30%, 17%
CMY	0.8275, 0.7020, 0.8275
CMYK	0.42, 0.00, 0.42, 0.70
HSL	120°, 27%, 24%
HSV	120°, 42%, 30%
XYZ	4.0778, 5.8862, 3.3041
YIQ	62.7840, -8.8000, -16.7360

# Conversions

## Conversions Part 2

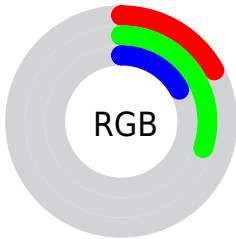
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 76, 76
Decimal	2903084
CIELab	29.12, -19.46, 15.42
CIElCh	29, 24.827, 141.613
Yxy	5.8862, 0.3073, 0.4436
Android (android.graphics.Color)	4281093164 (0xFF2C4C2C)
YUV	62.7840, -9.2605, -16.4736
Hunter-Lab	24.2615, -12.4561, 8.9085

# Details

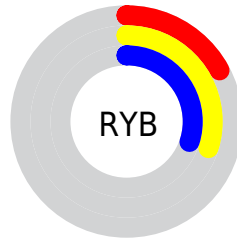
The Hex color **2C4C2C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C2C4C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5B7D5A**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **244C24**, and if you desaturate by 10%, it is **344C34**.

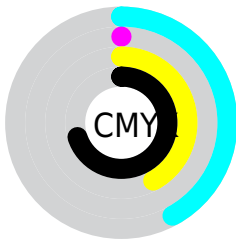
# Distribution



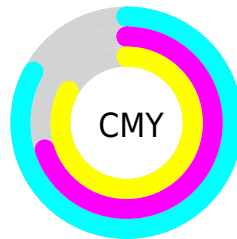
- Red (17%)
- Green (30%)
- Blue (17%)



- Red (17%)
- Yellow (30%)
- Blue (30%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (70%)



- Cyan (83%)
- Magenta (70%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C4C2C 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 2C4C2C by changing the saturation by 10% instead.



 2C4C2C

 2C4C2C

FFFFFF

 153517

 5B7D5A

 002000

 759773

 000000

 8EB28C

 A9CEA7

 C5EAC2

 E1FFDE

 FEFFFA

 2C4C2C

 2C4C2C

■ 244C24

■ 344C34

■ 1D4C1D

■ 3B4C3B

■ 154C15

■ 434C43

■ 0E4C0E

■ 4A4C4A

■ 064C06

■ 524C52

■ 004C00

■ 5A4C5A

■ 614C61

■ 694C69

■ 704C70

# Harmonies

## Analogous

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



434820



2C4C2C



094E3E

# Triad

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



2C4C2C



16486A



693638

# Complementary

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



2C4C2C



4C2C4C

# 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.



66354B



2C4C2C



3E4268

# Square

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



2C4C2C



004D62



573A5D



633B27

# Rectangle

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



2C4C2C



004F4C



573A5D



69353E



# Sweetspot

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



2C4C2C



576357



4C4C2C



2B332B



B3B3B3



333333



# Same Dimension

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



2C4C2C



316331



2C4C3C



222622



006600



00E600



# Inverse Universe

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



4C2C4C



633163



4C2C3C



262226



660066

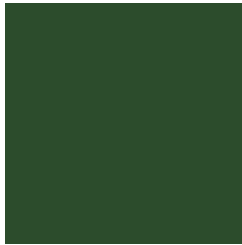


E600E6



# Previews

## White Background



This preview shows how the Hex color 2C4C2C looks on a white background.

## Color Contrast Check

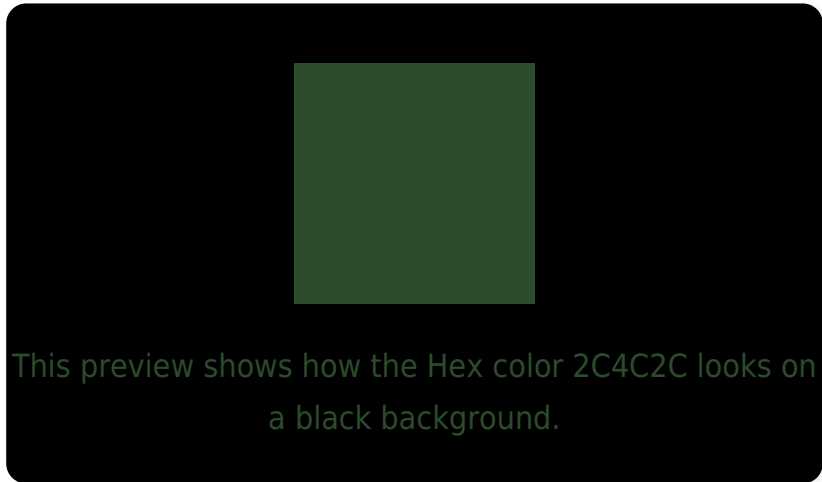
Large Text (above 18pt) WCAG AA ✓ Pass

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

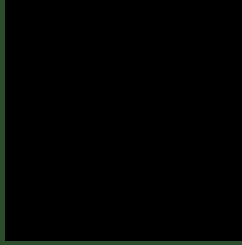
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C4C2C Background



This preview shows how black text looks on a background with the Hex color 2C4C2C.



This preview shows how white text looks on a background with the Hex color 2C4C2C.

# 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**  
2C4C2C

**Protanopia**  
4B4429

**Deuteranopia**  
52412E



**Tritanopia**  
33484E

# Trichromacy



**Original Color**  
2C4C2C

**Protanomaly**  
40472A

**Deuteranomaly**  
44452D

**Tritanomaly**  
304942

# Monochromacy



**Original Color**  
2C4C2C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
384438

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C4C2C 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 #2C4C2C looks like.

```
.text, #text, p{  
    color:#2C4C2C  
}
```

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 #2C4C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4C2C
}
```

## Border

The CSS property to change the border of an element to Hex 2C4C2C 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".

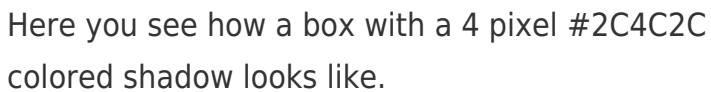
```
.border, #border, table{ border:4px solid
#2C4C2C }
```

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

```
.border{ border-color:#2C4C2C }
```

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

Here you see how a box with a 4 pixel #2C4C2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4C2C; -webkit-box-shadow:4px 4px  
4px 4px #2C4C2C; box-shadow:4px 4px 4px  
4px #2C4C2C }
```

# Background

The CSS property to change the background color of an element to Hex 2C4C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4C2C }
```

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

```
.background{ background-color:#2C4C2C }
```

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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