

# Converting Colors

Hex(2C542B)

Have a look what the booklet for  
Hex(2C542B) contains.

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# Color

Hex(2C542B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C542B
RGB	44, 84, 43
RGB Percent	17%, 33%, 17%
CMY	0.8275, 0.6706, 0.8314
CMYK	0.48, 0.00, 0.49, 0.67
HSL	119°, 32%, 25%
HSV	119°, 49%, 33%
XYZ	4.6451, 7.0505, 3.4016
YIQ	67.3660, -10.6790, -21.2310

# Conversions

## Conversions Part 2

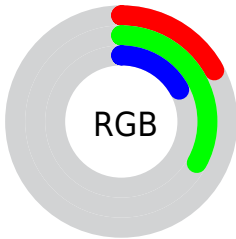
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 84, 83
Decimal	2905131
CIELab	31.92, -23.75, 19.63
CIElCh	32, 30.818, 140.425
Yxy	7.0505, 0.3077, 0.4670
Android (android.graphics.Color)	4281095211 (0xFF2C542B)
YUV	67.3660, -12.0124, -20.4920
Hunter-Lab	26.5528, -15.2412, 10.9916

# Details

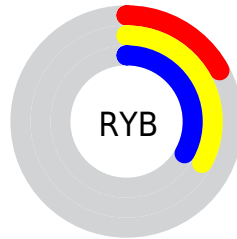
The Hex color **2C542B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532B54**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5D8659**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **245423**, and if you desaturate by 10%, it is **345433**.

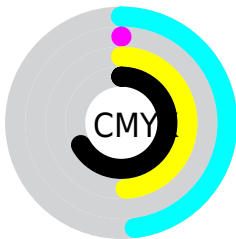
# Distribution



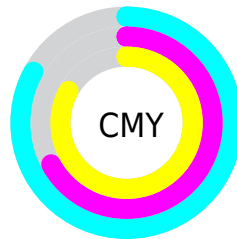
- Red (17%)
- Green (33%)
- Blue (17%)



- Red (17%)
- Yellow (33%)
- Blue (33%)



- Cyan (48%)
- Magenta (0%)
- Yellow (49%)
- Black (67%)



- Cyan (83%)
- Magenta (67%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C542B 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 2C542B by changing the saturation by 10% instead.



 2C542B

 2C542B

FFFFFF

 143D16

 5D8659

 002600

 76A072

 000D00

 90BB8C

 000000

 ABD7A6

 C7F4C1

 E3FFDD

 FFFFFA

 2C542B

 2C542B

■ 245423

■ 345433

■ 1C541A

■ 3C543C

■ 135412

■ 455444

■ 0B5409

■ 4D544D

■ 035401

■ 555455

■ 025400

■ 5D545D

■ 655466

■ 6E546E

■ 765477

# Harmonies

## Analogous

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



494F1B



2C542B



005742

# Triad

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



2C542B



00507B



78373C

# Complementary

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



2C542B



532B54

# 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.



743754



2C542B



3F4878

# Square

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



2C542B



005570



613E6A



703E27

# Rectangle

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



2C542B



005753



613E6A



783644



# Sweetspot

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



2C542B



5E6E5D



54532B



2E382E



B8B8B8



383838



# Same Dimension

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



2C542B



2F6E2D



2B543E



252925



036900



06E800



# Inverse Universe

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



532B54



6C2D6E



542B41



292529



660069

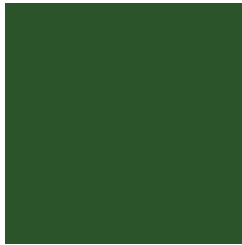


E200E8



# Previews

## White Background



This preview shows how the Hex color 2C542B 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

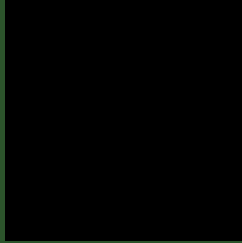
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C542B Background



This preview shows how black text looks on a background with the Hex color 2C542B.



This preview shows how white text looks on a background with the Hex color 2C542B.

# 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](#).

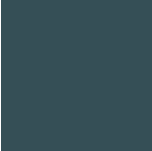
## Dichromacy



**Original Color**  
2C542B

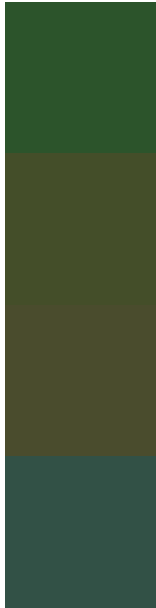
**Protanopia**  
524B28

**Deuteranopia**  
5B472E



**Tritanopia**  
354F56

# Trichromacy



**Original Color**  
2C542B

**Protanomaly**  
444E29

**Deuteranomaly**  
4A4C2D

**Tritanomaly**  
325146

# Monochromacy



**Original Color**  
2C542B

**Achromatopsia**  
434343

**Achromatomaly**  
3B493A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C542B 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 #2C542B looks like.

```
.text, #text, p{  
    color:#2C542B  
}
```

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 #2C542B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C542B
}
```

## Border

The CSS property to change the border of an element to Hex 2C542B 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
#2C542B }
```

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

```
.border{ border-color:#2C542B }
```

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

Here you see how a box with a 4 pixel #2C542B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C542B; -webkit-box-shadow:4px 4px  
4px 4px #2C542B; box-shadow:4px 4px 4px  
4px #2C542B }
```

# Background

The CSS property to change the background color of an element to Hex 2C542B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C542B }
```

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

```
.background{ background-color:#2C542B }
```

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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