

Converting Colors

Hex(2C4A3B)

Have a look what the booklet for
Hex(2C4A3B) contains.

Hex(2C4A3B)	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(2C4A3B)

Conversions

Conversions Part 1

Format	Color
Hex	2C4A3B
RGB	44, 74, 59
RGB Percent	17%, 29%, 23%
CMY	0.8275, 0.7098, 0.7686
CMYK	0.41, 0.00, 0.20, 0.71
HSL	150°, 25%, 23%
HSV	150°, 41%, 29%
XYZ	4.2769, 5.7488, 5.0219
YIQ	63.3200, -13.0650, -11.0250

Conversions

Conversions Part 2

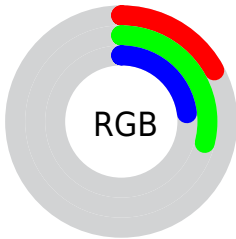
Format	Color
RYB	44, 64, 74
Decimal	2902587
CIELab	28.77, -15.13, 5.46
CIElCh	29, 16.088, 160.142
Yxy	5.7488, 0.2842, 0.3820
Android (android.graphics.Color)	4281092667 (0xFF2C4A3B)
YUV	63.3200, -2.1298, -16.9436
Hunter-Lab	23.9767, -10.1187, 4.3654

Details

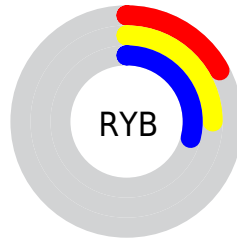
The Hex color **2C4A3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2C3B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5B7B6A**, and **001E11** is the 20% darker color. If you saturate the color by 10%, you get **254A37**, and if you desaturate by 10%, it is **334A3F**.

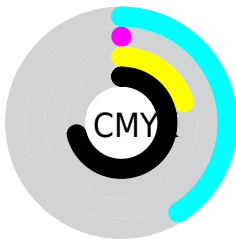
Distribution



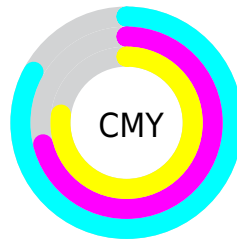
- Red (17%)
- Green (29%)
- Blue (23%)



- Red (17%)
- Yellow (25%)
- Blue (29%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (71%)



- Cyan (83%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4A3B 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 2C4A3B by changing the saturation by 10% instead.

 2C4A3B

 2C4A3B

FFFFFF

 163325

 5B7B6A

 001E11

 749583

 000000

 8EAF9D

 A9CBB8

 C4E7D4

 E0FFF0

 FDFFFF

 2C4A3B

 2C4A3B

■ 254A37

■ 334A3F

■ 1D4A34

■ 3B4A42

■ 164A30

■ 424A46

■ 0E4A2C

■ 4A4A4A

■ 074A29

■ 514A4E

■ 004A25

■ 584A51

■ 604A55

■ 674A59

■ 6F4A5C

Harmonies

Analogous

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



3B4831



2C4A3B



1F4B48

Triad

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



2C4A3B



3A445C



5B3C34

Complementary

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



2C4A3B



4A2C3B

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.



5C3B40



2C4A3B



4B3F57

Square

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



2C4A3B



27475B



573C4D



54402D

Rectangle

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



2C4A3B



1B4A50



573C4D



5C3C38

Sweetspot

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



2C4A3B



55615B



3B4A2C



2A302D



B0B0B0



303030

Same Dimension

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



2C4A3B



316149



2C4A4A



222624



006633



00E673

Inverse Universe

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



4A2C3B



613149



4A2C2C



262224



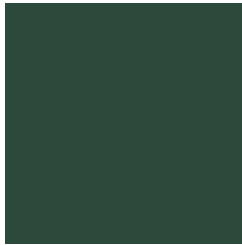
660033



E60073

Previews

White Background



This preview shows how the Hex color 2C4A3B looks on a white background.

Color Contrast Check

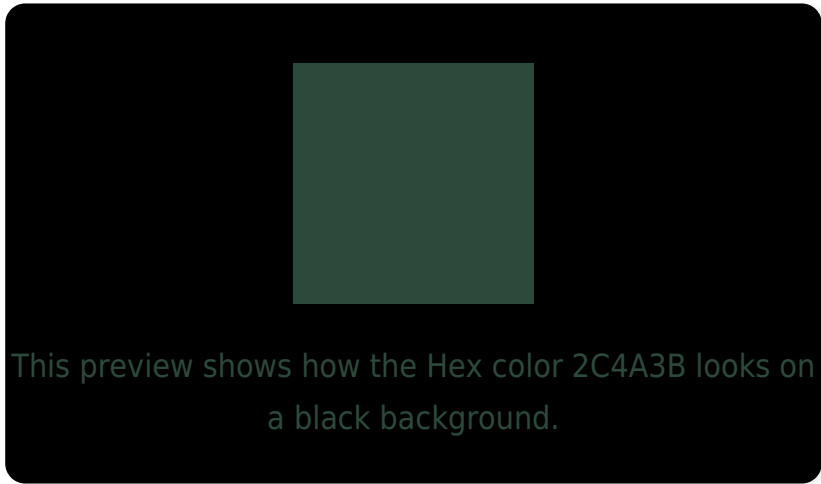
Large Text (above 18pt) WCAG AA ✓ Pass

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

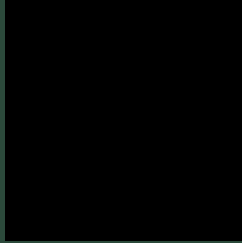
Any Text WCAG AA × Fail

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 2C4A3B Background



This preview shows how black text looks on a background with the Hex color 2C4A3B.



This preview shows how white text looks on a background with the Hex color 2C4A3B.

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](#).

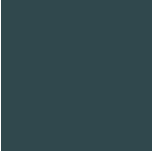
Dichromacy



Original Color
2C4A3B

Protanopia
474338

Deuteranopia
4D413D



Tritanopia
30484D

Trichromacy



Original Color
2C4A3B

Protanomaly
3D4639

Deuteranomaly
41443C

Tritanomaly
2F4946

Monochromacy



Original Color
2C4A3B

Achromatopsia
3F3F3F

Achromatomaly
38433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4A3B 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 #2C4A3B looks like.

```
.text, #text, p{  
    color:#2C4A3B  
}
```

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 #2C4A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4A3B
}
```

Border

The CSS property to change the border of an element to Hex 2C4A3B 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".

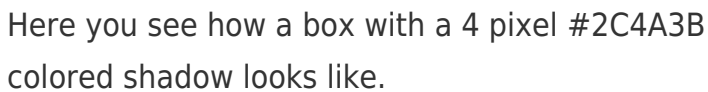
```
.border, #border, table{ border:4px solid
#2C4A3B }
```

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

```
.border{ border-color:#2C4A3B }
```

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

Here you see how a box with a 4 pixel #2C4A3B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4A3B; -webkit-box-shadow:4px 4px  
4px 4px #2C4A3B; box-shadow:4px 4px 4px  
4px #2C4A3B }
```

Background

The CSS property to change the background color of an element to Hex 2C4A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4A3B }
```

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

```
.background{ background-color:#2C4A3B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor