

Converting Colors

Hex(2C4B41)

Have a look what the booklet for
Hex(2C4B41) contains.

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Color

Hex(2C4B41)

Conversions

Conversions Part 1

Format	Color
Hex	2C4B41
RGB	44, 75, 65
RGB Percent	17%, 29%, 25%
CMY	0.8275, 0.7059, 0.7451
CMYK	0.41, 0.00, 0.13, 0.71
HSL	161°, 26%, 23%
HSV	161°, 41%, 29%
XYZ	4.5089, 5.9493, 5.9117
YIQ	64.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

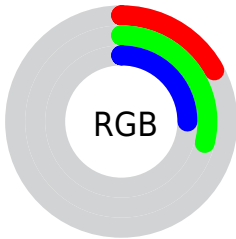
Format	Color
R _Y B	44, 62, 75
Decimal	2902849
CIE Lab	29.28, -14.19, 2.34
CIE LCh	29, 14.381, 170.620
Yxy	5.9493, 0.2754, 0.3634
Android (android.graphics.Color)	4281092929 (0xFF2C4B41)
YUV	64.5910, 0.2016, -18.0583
Hunter-Lab	24.3911, -9.6872, 2.7036

Details

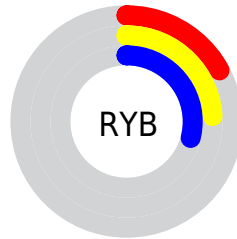
The Hex color **2C4B41** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2C36**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5B7C71**, and **001F17** is the 20% darker color. If you saturate the color by 10%, you get **254B3F**, and if you desaturate by 10%, it is **344B43**.

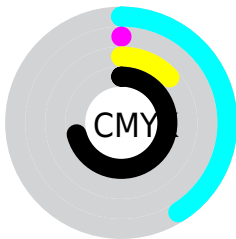
Distribution



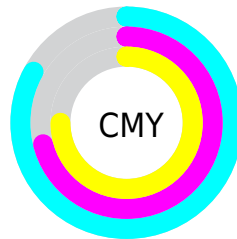
- Red (17%)
- Green (29%)
- Blue (25%)



- Red (17%)
- Yellow (24%)
- Blue (29%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (71%)



- Cyan (83%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4B41 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 2C4B41 by changing the saturation by 10% instead.

■ 2C4B41

■ 2C4B41

FFFFFF

■ 16342B

■ 5B7C71

■ 001F17

■ 74968A

■ 000000

■ 8EB1A4

■ A9CCC0

■ C4E8DB

■ E0FFF8

■ FDFFFF

■ 2C4B41

■ 2C4B41

■ 254B3F

■ 344B43

■ 1D4B3C

■ 3B4B46

■ 154B3A

■ 434B48

■ 0E4B37

■ 4A4B4B

■ 064B35

■ 524B4D

■ 004B33

■ 594B50

■ 614B52

■ 684B54

■ 704B57

Harmonies

Analogous

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



384937



2C4B41



244B4C

Triad

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



2C4B41



42435A



583F34

Complementary

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



2C4B41



4B2C36

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.



5C3D3E



2C4B41



504053

Square

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



2C4B41



32475B



593D49



50432F

Rectangle

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



2C4B41



244A53



593D49



5A3E37

Sweetspot

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



2C4B41



55615D



364B2C



2A302E



B0B0B0



303030

Same Dimension

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



2C4B41



306151



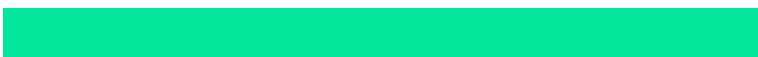
2C464B



222625



006645



00E69B

Inverse Universe

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



4B2C36



613040



4B312C



262224



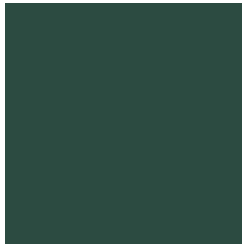
660021



E6004A

Previews

White Background



This preview shows how the Hex color 2C4B41 looks on a white background.

Color Contrast Check

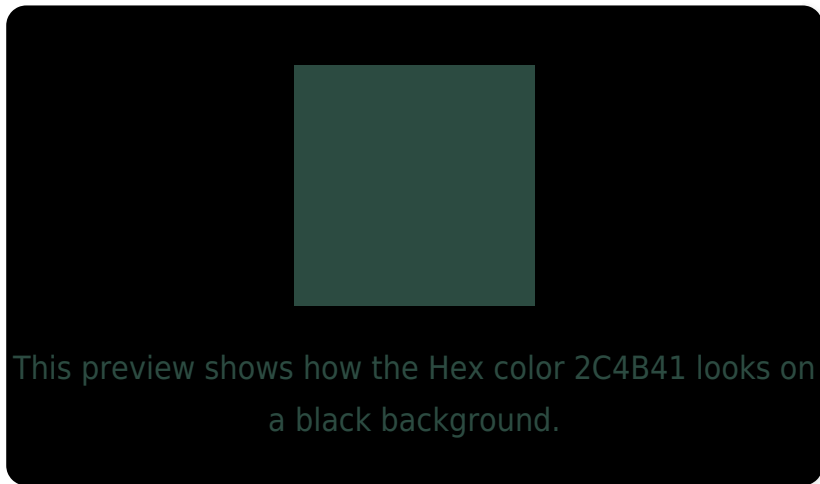
Large Text (above 18pt) WCAG AA ✓ Pass

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

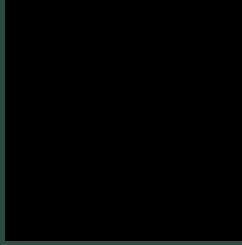
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

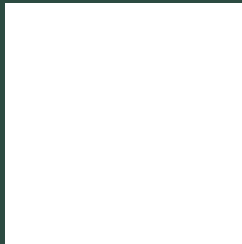
Any Text WCAG AAA × Fail

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

Hex 2C4B41 Background



This preview shows how black text looks on a background with the Hex color 2C4B41.



This preview shows how white text looks on a background with the Hex color 2C4B41.

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](#).

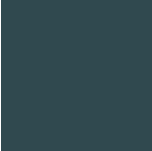
Dichromacy



Original Color
2C4B41

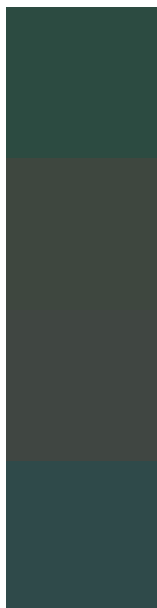
Protanopia
48453E

Deuteranopia
4C4343



Tritanopia
30494F

Trichromacy



Original Color

2C4B41

Protanomaly

3E473F

Deuteranomaly

404642

Tritanomaly

2F4A4A

Monochromacy



Original Color

2C4B41

Achromatopsia

414141

Achromatomaly

394541

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4B41 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 #2C4B41 looks like.

```
.text, #text, p{  
    color:#2C4B41  
}
```

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 #2C4B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4B41  
}
```

Border

The CSS property to change the border of an element to Hex 2C4B41 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  
#2C4B41 }
```

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

```
.border{ border-color:#2C4B41 }
```

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

Here you see how a box with a 4 pixel #2C4B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4B41; -webkit-box-shadow:4px 4px  
4px 4px #2C4B41; box-shadow:4px 4px 4px  
4px #2C4B41 }
```

Background

The CSS property to change the background color of an element to Hex 2C4B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4B41 }
```

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

```
.background{ background-color:#2C4B41 }
```

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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