

Converting Colors

Hex(2A3C2C)

Have a look what the booklet for
Hex(2A3C2C) contains.

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Color

Hex(2A3C2C)

Conversions

Conversions Part 1

Format	Color
Hex	2A3C2C
RGB	42, 60, 44
RGB Percent	16%, 24%, 17%
CMY	0.8353, 0.7647, 0.8275
CMYK	0.30, 0.00, 0.27, 0.76
HSL	127°, 18%, 20%
HSV	127°, 30%, 24%
XYZ	3.0253, 3.9058, 2.9773
YIQ	52.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

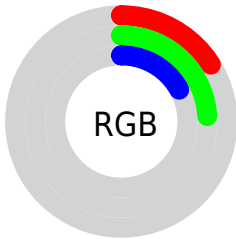
Format	Color
R _Y B	42, 58, 60
Decimal	2767916
CIE Lab	23.36, -11.19, 7.60
CIE LCh	23, 13.526, 145.794
Yxy	3.9058, 0.3053, 0.3942
Android (android.graphics.Color)	4280957996 (0xFF2A3C2C)
YUV	52.7940, -4.3354, -9.4663
Hunter-Lab	19.7631, -7.2608, 4.9021

Details

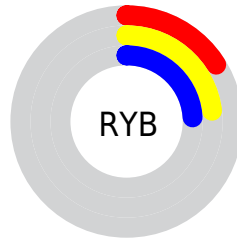
The Hex color **2A3C2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2A3A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **586B5A**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **243C27**, and if you desaturate by 10%, it is **303C31**.

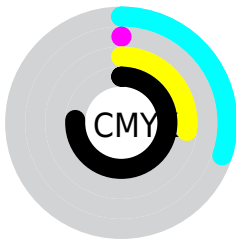
Distribution



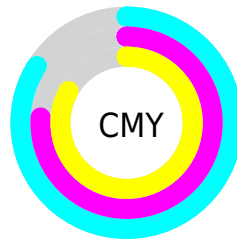
- Red (16%)
- Green (24%)
- Blue (17%)



- Red (16%)
- Yellow (23%)
- Blue (24%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3C2C 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 2A3C2C by changing the saturation by 10% instead.

■ 2A3C2C

■ 2A3C2C

FFFFFF

■ 152617

■ 586B5A

■ 001200

■ 708572

■ 000000

■ 8A9F8C

■ A4BAA6

■ C0D6C1

■ DBF2DD

■ F8FFF9

■ 2A3C2C

■ 2A3C2C

■ 243C27

■ 303C31

■ 1E3C21

■ 363C37

■ 183C1C

■ 3C3C3C

■ 123C17

■ 423C41

■ 0C3C11

■ 483C47

■ 063C0C

■ 4E3C4C

■ 003C07

■ 543C51

■ 5A3C57

■ 603C5C

Harmonies

Analogous

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



363A25



2A3C2C



1F3D36

Triad

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



2A3C2C



28394C



4C312F

Complementary

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



2A3C2C



3C2A3A

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.



4A3039



2A3C2C



37364A

Square

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



2A3C2C



1C3C48



433243



483327

Rectangle

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



2A3C2C



193D3D



433243



4C3033

Sweetspot

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



2A3C2C



484F49



3A3C2A



242925



A8A8A8



292929

Same Dimension

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



2A3C2C



334F36



2A3C35



1C1F1C



005E0A



00DE19

Inverse Universe

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



3C2A3A



4F334C



3C2A31



1F1C1E



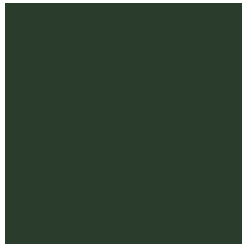
5E0054



DE00C5

Previews

White Background



This preview shows how the Hex color 2A3C2C looks on a white background.

Color Contrast Check

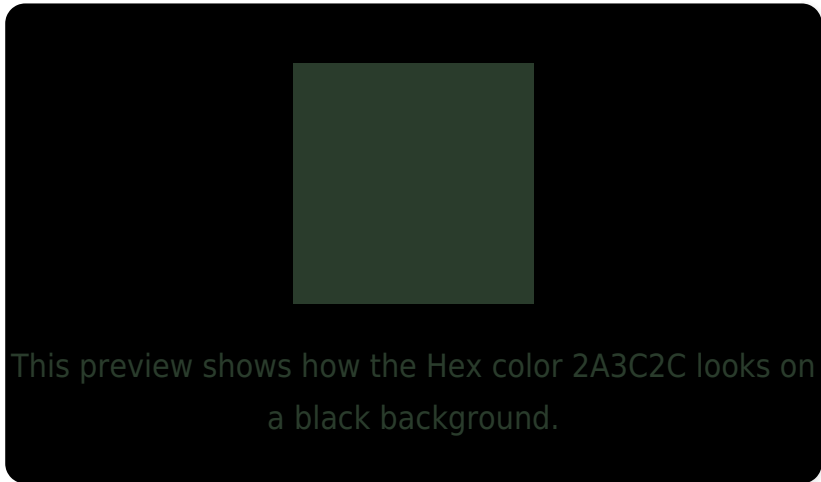
Large Text (above 18pt) WCAG AA ✓ Pass

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

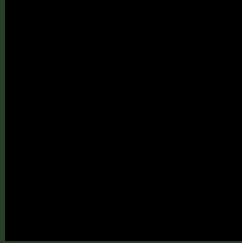
Any Text WCAG AA × Fail

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 2A3C2C Background



This preview shows how black text looks on a background with the Hex color 2A3C2C.

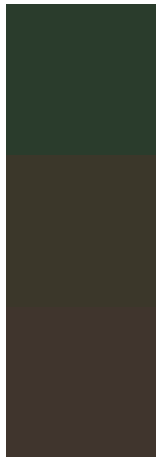


This preview shows how white text looks on a background with the Hex color 2A3C2C.

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

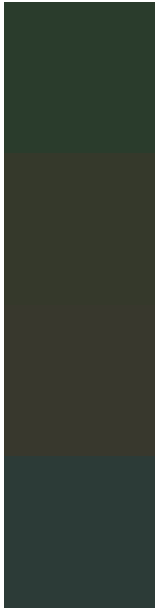


Original Color
2A3C2C

Protanopia
3B372A

Deuteranopia
40352D

Trichromacy



Original Color
2A3C2C

Protanomaly
35392B

Deuteranomaly
38382D

Tritanomaly
2C3B37

Monochromacy



Original Color
2A3C2C

Achromatopsia
353535

Achromatomaly
313832

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3C2C 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 #2A3C2C looks like.

```
.text, #text, p{  
    color:#2A3C2C  
}
```

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 #2A3C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3C2C  
}
```

Border

The CSS property to change the border of an element to Hex 2A3C2C 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  
#2A3C2C }
```

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

```
.border{ border-color:#2A3C2C }
```

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

Here you see how a box with a 4 pixel #2A3C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3C2C; -webkit-box-shadow:4px 4px  
4px 4px #2A3C2C; box-shadow:4px 4px 4px  
4px #2A3C2C }
```

Background

The CSS property to change the background color of an element to Hex 2A3C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3C2C }
```

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

```
.background{ background-color:#2A3C2C }
```

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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