

Converting Colors

Hex(2A3D2C)

Have a look what the booklet for
Hex(2A3D2C) contains.

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Color

Hex(2A3D2C)

Conversions

Conversions Part 1

Format	Color
Hex	2A3D2C
RGB	42, 61, 44
RGB Percent	16%, 24%, 17%
CMY	0.8353, 0.7608, 0.8275
CMYK	0.31, 0.00, 0.28, 0.76
HSL	126°, 18%, 20%
HSV	126°, 31%, 24%
XYZ	3.0782, 4.0116, 2.9949
YIQ	53.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

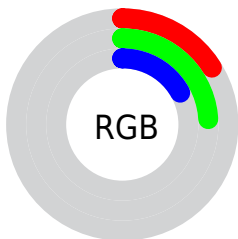
Format	Color
RYB	42, 59, 61
Decimal	2768172
CIELab	23.71, -11.79, 8.09
CIElCh	24, 14.297, 145.527
Yxy	4.0116, 0.3052, 0.3978
Android (android.graphics.Color)	4280958252 (0xFF2A3D2C)
YUV	53.3810, -4.6248, -9.9811
Hunter-Lab	20.0289, -7.6172, 5.1546

Details

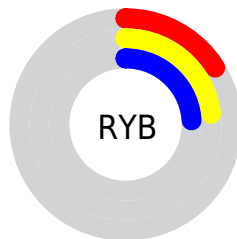
The Hex color **2A3D2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D2A3B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **586D5A**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **243D27**, and if you desaturate by 10%, it is **303D31**.

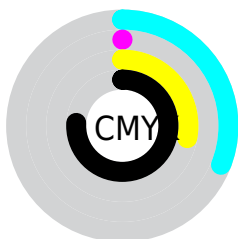
Distribution



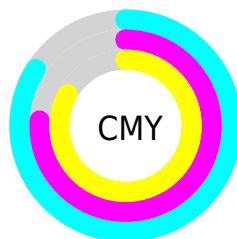
- Red (16%)
- Green (24%)
- Blue (17%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (28%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3D2C 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 2A3D2C by changing the saturation by 10% instead.



2A3D2C



2A3D2C

FFFFFF



152717



586D5A



001300



718672



000000



8AA08C



A4BBA6



C0D7C1



DCF3DD



F8FFFA



2A3D2C



2A3D2C

■ 243D27

■ 303D31

■ 1E3D21

■ 363D37

■ 183D1C

■ 3C3D3C

■ 123D16

■ 423D42

■ 0C3D11

■ 493D47

■ 053D0B

■ 4F3D4D

■ 003D06

■ 553D52

■ 5B3D58

■ 613D5D

Harmonies

Analogous

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



363B25



2A3D2C



1E3E36

Triad

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



2A3D2C



283A4E



4E3130

Complementary

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



2A3D2C



3D2A3B

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.



4C313A



2A3D2C



38364C

Square

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



2A3D2C



1A3D4A



453345



4A3427

Rectangle

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



2A3D2C



173E3E



453345



4E3133

Sweetspot

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



2A3D2C



484F49



3B3D2A



242925



A8A8A8



292929

Same Dimension

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



2A3D2C



324F35



2A3D35



1C1F1C



005E0A



00DE17

Inverse Universe

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



3D2A3B



4F324C



3D2A32



1F1C1E



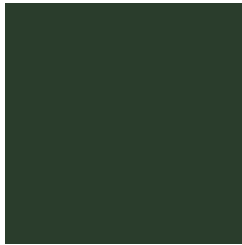
5E0054



DE00C6

Previews

White Background



This preview shows how the Hex color 2A3D2C looks on a white background.

Color Contrast Check

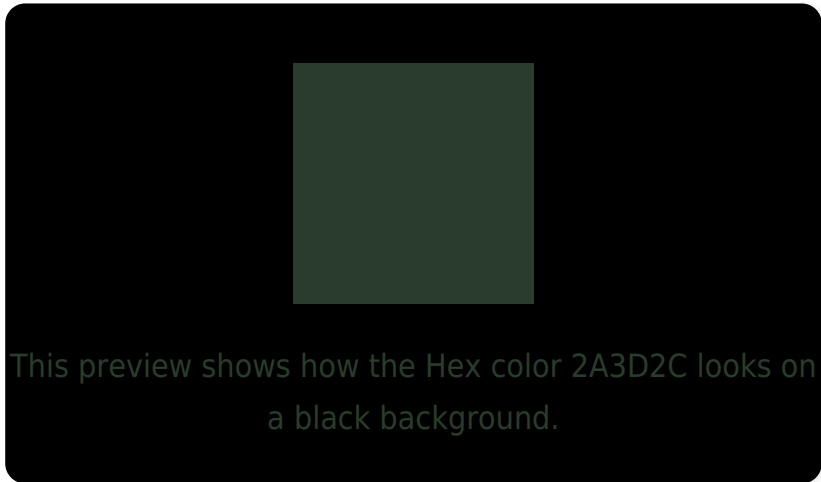
Large Text (above 18pt) WCAG AA ✓ Pass

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

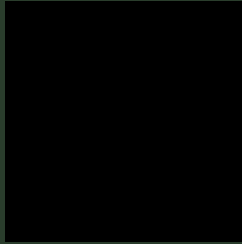
Any Text WCAG AA × Fail

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 2A3D2C Background



This preview shows how black text looks on a background with the Hex color 2A3D2C.

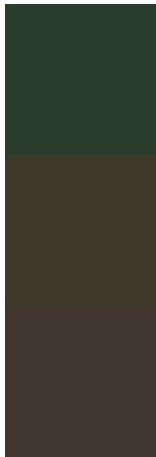


This preview shows how white text looks on a background with the Hex color 2A3D2C.

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
2A3D2C

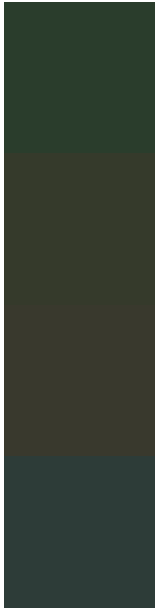
Protanopia
3C382A

Deuteranopia
41362D



Tritanopia
2E3B3F

Trichromacy



Original Color
2A3D2C

Protanomaly
353A2B

Deuteranomaly
39392D

Tritanomaly
2D3C38

Monochromacy



Original Color
2A3D2C

Achromatopsia
353535

Achromatomaly
313832

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3D2C 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 #2A3D2C looks like.

```
.text, #text, p{  
    color:#2A3D2C  
}
```

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 #2A3D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3D2C
}
```

Border

The CSS property to change the border of an element to Hex 2A3D2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

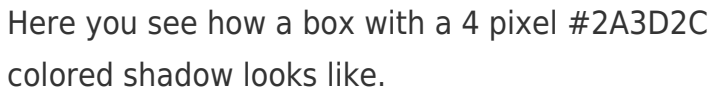
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3D2C }
```

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

```
.border{ border-color:#2A3D2C }
```

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



Here you see how a box with a 4 pixel #2A3D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3D2C; -webkit-box-shadow:4px 4px  
4px 4px #2A3D2C; box-shadow:4px 4px 4px  
4px #2A3D2C }
```

Background

The CSS property to change the background color of an element to Hex 2A3D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3D2C }
```

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

```
.background{ background-color:#2A3D2C }
```

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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