

Converting Colors

Hex(2A3F2D)

Have a look what the booklet for
Hex(2A3F2D) contains.

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Color

Hex(2A3F2D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2A3F2D |
| RGB | 42, 63, 45 |
| RGB Percent | 16%, 25%, 18% |
| CMY | 0.8353, 0.7529, 0.8235 |
| CMYK | 0.33, 0.00, 0.29, 0.75 |
| HSL | 129°, 20%, 21% |
| HSV | 129°, 33%, 25% |
| XYZ | 3.2060, 4.2367, 3.1314 |
| YIQ | 54.6690, -6.7380, -10.0500 |

Conversions

Conversions Part 2

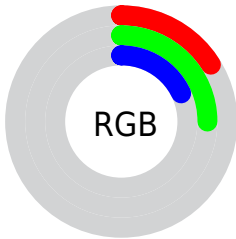
| Format | Color |
|-------------------------------------|--|
| RYB | 42, 60, 63 |
| Decimal | 2768685 |
| CIELab | 24.44, -12.75, 8.45 |
| CIELCh | 24, 15.298, 146.486 |
| Yxy | 4.2367, 0.3032, 0.4007 |
| Android (android.graphics.Color) | 4280958765 (0xFF2A3F2D) |
| YUV | 54.6690, -4.7668, -11.1107 |
| Hunter-Lab | 20.5833, -8.2180, 5.3883 |

Details

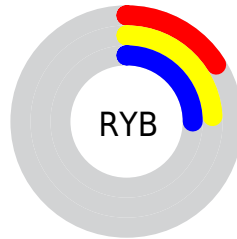
The Hex color **2A3F2D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F2A3C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **586F5B**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **243F28**, and if you desaturate by 10%, it is **303F32**.

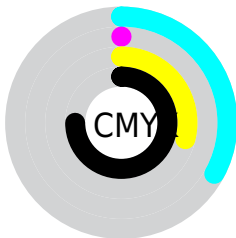
Distribution



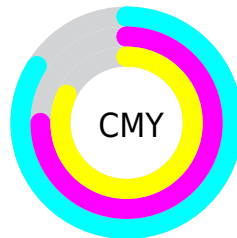
- Red (16%)
- Green (25%)
- Blue (18%)



- Red (16%)
- Yellow (24%)
- Blue (25%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3F2D 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 2A3F2D by changing the saturation by 10% instead.

■ 2A3F2D

■ 2A3F2D

FFFFFF

■ 152918

■ 586F5B

■ 001500

■ 718873

■ 000000

■ 8AA28D

■ A5BEA7

■ C0D9C2

■ DCF6DE

■ F8FFFB

■ 2A3F2D

■ 2A3F2D

■ 243F28

■ 303F32

■ 1D3F22

■ 373F38

■ 173F1D

■ 3D3F3D

■ 113F17

■ 433F43

■ 0A3F12

■ 4A3F48

■ 043F0D

■ 503F4D

■ 003F09

■ 563F53

■ 5C3F58

■ 633F5E

Harmonies

Analogous

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



373C25



2A3F2D



1C4038

Triad

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



2A3F2D



283C51



513230

Complementary

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



2A3F2D



3F2A3C

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.



4F313C



2A3F2D



3A384F

Square

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



2A3F2D



183F4D



473447



4C3527

Rectangle

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



2A3F2D



154040



473447



513234

Sweetspot

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



2A3F2D



49524B



3C3F2A



242925



A8A8A8



292929

Same Dimension

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



2A3F2D



315236



2A3F37



1C1F1C



005E0D



00DE20

Inverse Universe

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



3F2A3C



52314D



3F2A32



1F1C1E



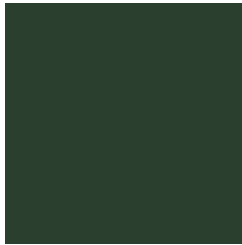
5E0051



DE00BE

Previews

White Background



This preview shows how the Hex color 2A3F2D looks on a white background.

Color Contrast Check

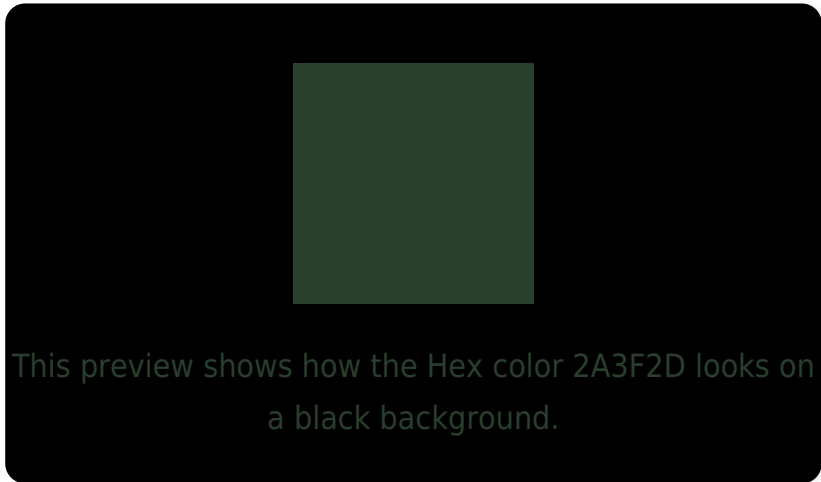
Large Text (above 18pt) WCAG AA ✓ Pass

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

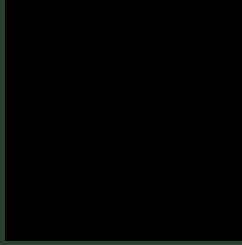
Any Text WCAG AA × Fail

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 2A3F2D Background



This preview shows how black text looks on a background with the Hex color 2A3F2D.

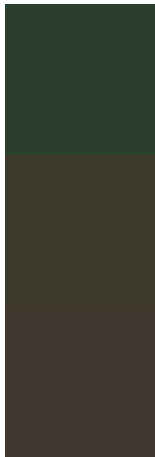


This preview shows how white text looks on a background with the Hex color 2A3F2D.

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
2A3F2D

Protanopia
3E3A2B

Deuteranopia
43382F



Tritanopia
2E3C41

Trichromacy



Original Color
2A3F2D

Protanomaly
373C2C

Deuteranomaly
3A3B2E

Tritanomaly
2D3D3A

Monochromacy



Original Color
2A3F2D

Achromatopsia
373737

Achromatomaly
323A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3F2D 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 #2A3F2D looks like.

```
.text, #text, p{  
    color:#2A3F2D  
}
```

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 #2A3F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3F2D
}
```

Border

The CSS property to change the border of an element to Hex 2A3F2D 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".

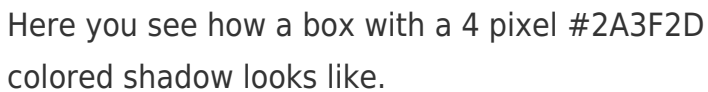
```
.border, #border, table{ border:4px solid
#2A3F2D }
```

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

```
.border{ border-color:#2A3F2D }
```

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

Here you see how a box with a 4 pixel #2A3F2D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3F2D; -webkit-box-shadow:4px 4px  
4px 4px #2A3F2D; box-shadow:4px 4px 4px  
4px #2A3F2D }
```

Background

The CSS property to change the background color of an element to Hex 2A3F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3F2D }
```

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

```
.background{ background-color:#2A3F2D }
```

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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