

Converting Colors

Hex(2F4A3D)

Have a look what the booklet for
Hex(2F4A3D) contains.

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Color

Hex(2F4A3D)

Conversions

Conversions Part 1

Format	Color
Hex	2F4A3D
RGB	47, 74, 61
RGB Percent	18%, 29%, 24%
CMY	0.8157, 0.7098, 0.7608
CMYK	0.36, 0.00, 0.18, 0.71
HSL	151°, 22%, 24%
HSV	151°, 36%, 29%
XYZ	4.4634, 5.8388, 5.3066
YIQ	64.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

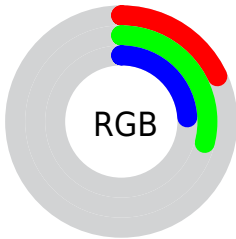
Format	Color
RYB	47, 65, 74
Decimal	3099197
CIELab	29.00, -13.59, 4.53
CIELCh	29, 14.322, 161.540
Yxy	5.8388, 0.2860, 0.3741
Android (android.graphics.Color)	4281289277 (0xFF2F4A3D)
YUV	64.4450, -1.6984, -15.2993
Hunter-Lab	24.1636, -9.3149, 3.8937

Details

The Hex color **2F4A3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2F3C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5E7B6C**, and **021E13** is the 20% darker color. If you saturate the color by 10%, you get **284A39**, and if you desaturate by 10%, it is **364A41**.

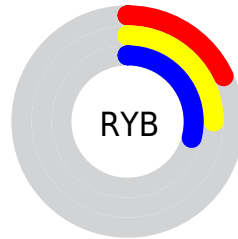
Distribution



Red (18%)

Green (29%)

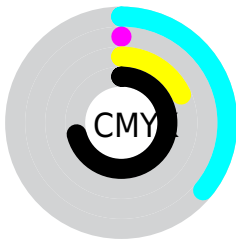
Blue (24%)



Red (18%)

Yellow (25%)

Blue (29%)

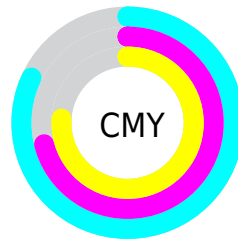


Cyan (36%)

Magenta (0%)

Yellow (18%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4A3D 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 2F4A3D by changing the saturation by 10% instead.

 2F4A3D

 2F4A3D

FFFFFF

 193327

 5E7B6C

 021E13

 779586

 000000

 91AFA0

 ACCBBB

 C7E7D6

 E3FFF3

 2F4A3D

 2F4A3D

 284A39

 364A41

■ 204A36

■ 3E4A44

■ 194A32

■ 454A48

■ 114A2F

■ 4D4A4B

■ 0A4A2B

■ 544A4F

■ 034A28

■ 5B4A52

■ 004A26

■ 634A56

■ 6A4A5A

■ 724A5D

Harmonies

Analogous

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



3C4834



2F4A3D



254B48

Triad

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



2F4A3D



3D445A



593E36

Complementary

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



2F4A3D



4A2F3C

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.



5B3C40



2F4A3D



4B4055

Square

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



2F4A3D



2D4759



563D4C



524130

Rectangle

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



2F4A3D



234A50



563D4C



5A3D39

Sweetspot

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



2F4A3D



56615C



3C4A2F



2A302D



B0B0B0



303030

Same Dimension

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



2F4A3D



36614C



2F4A4A



222624



006635



00E677

Inverse Universe

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



4A2F3C



61364B



4A2F2F



262224



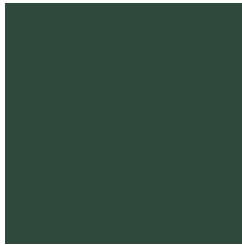
660031



E6006F

Previews

White Background



This preview shows how the Hex color 2F4A3D looks on a white background.

Color Contrast Check

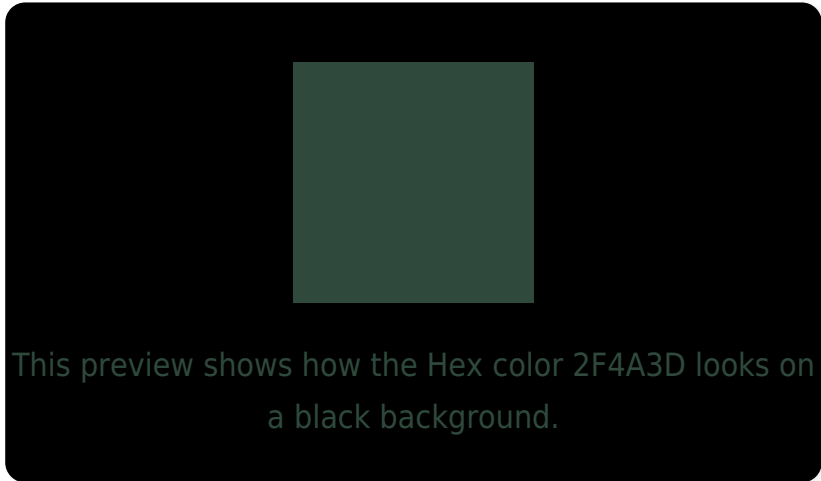
Large Text (above 18pt) WCAG AA ✓ Pass

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

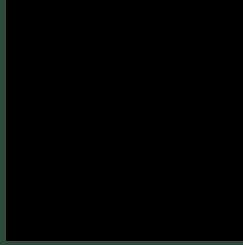
Any Text WCAG AA × Fail

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 2F4A3D Background



This preview shows how black text looks on a background with the Hex color 2F4A3D.



This preview shows how white text looks on a background with the Hex color 2F4A3D.

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](#).

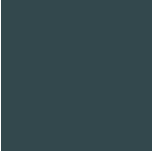
Dichromacy



Original Color
2F4A3D

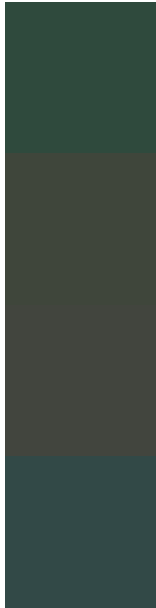
Protanopia
48443A

Deuteranopia
4D423F



Tritanopia
33484D

Trichromacy



Original Color
2F4A3D

Protanomaly
3F463B

Deuteranomaly
42453E

Tritanomaly
324947

Monochromacy



Original Color
2F4A3D

Achromatopsia
404040

Achromatomaly
3A443F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4A3D 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 #2F4A3D looks like.

```
.text, #text, p{  
    color:#2F4A3D  
}
```

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 #2F4A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4A3D
}
```

Border

The CSS property to change the border of an element to Hex 2F4A3D 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
#2F4A3D }
```

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

```
.border{ border-color:#2F4A3D }
```

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

Here you see how a box with a 4 pixel #2F4A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4A3D; -webkit-box-shadow:4px 4px  
4px 4px #2F4A3D; box-shadow:4px 4px 4px  
4px #2F4A3D }
```

Background

The CSS property to change the background color of an element to Hex 2F4A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4A3D }
```

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

```
.background{ background-color:#2F4A3D }
```

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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