

Converting Colors

Hex(2F4B42)

Have a look what the booklet for
Hex(2F4B42) contains.

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Color

Hex(2F4B42)

Conversions

Conversions Part 1

Format	Color
Hex	2F4B42
RGB	47, 75, 66
RGB Percent	18%, 29%, 26%
CMY	0.8157, 0.7059, 0.7412
CMYK	0.37, 0.00, 0.12, 0.71
HSL	161°, 23%, 24%
HSV	161°, 37%, 29%
XYZ	4.6717, 6.0298, 6.0719
YIQ	65.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

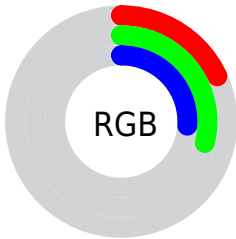
Format	Color
R_YB	47, 64, 75
Decimal	3099458
CIE Lab	29.49, -12.91, 2.02
CIE LCh	29, 13.070, 171.124
Yxy	6.0298, 0.2785, 0.3595
Android (android.graphics.Color)	4281289538 (0xFF2F4B42)
YUV	65.6020, 0.1962, -16.3140
Hunter-Lab	24.5557, -9.0128, 2.5284

Details

The Hex color **2F4B42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2F38**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5E7C72**, and **031F17** is the 20% darker color. If you saturate the color by 10%, you get **284B40**, and if you desaturate by 10%, it is **374B44**.

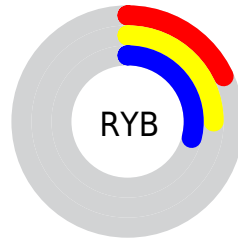
Distribution



Red (18%)

Green (29%)

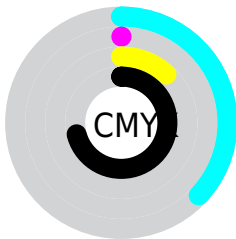
Blue (26%)



Red (18%)

Yellow (25%)

Blue (29%)

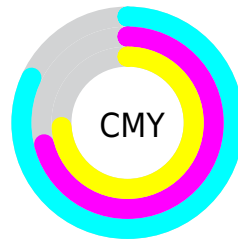


Cyan (37%)

Magenta (0%)

Yellow (12%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4B42 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 2F4B42 by changing the saturation by 10% instead.

■ 2F4B42

■ 2F4B42

FFFFFF

■ 19342C

■ 5E7C72

■ 031F17

■ 77968B

■ 000000

■ 91B1A6

■ ACCCC1

■ C7E8DD

■ E4FFF9

■ 2F4B42

■ 2F4B42

■ 284B40

■ 374B44

■ 204B3D

■ 3E4B47

■ 194B3B

■ 464B49

■ 114B38

■ 4D4B4C

■ 0A4B36

■ 554B4E

■ 024B34

■ 5C4B50

■ 004B33

■ 644B53

■ 6B4B55

■ 734B58

Harmonies

Analogous

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



3A4A39



2F4B42



284B4C

Triad

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



2F4B42



434458



574136

Complementary

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



2F4B42



4B2F38

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.



5A3E3F



2F4B42



504152

Square

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



2F4B42



354759



583E49



504432

Rectangle

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



2F4B42



294A52



583E49



594039

Sweetspot

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



2F4B42



56615D



384B2F



2A302E



B0B0B0



303030

Same Dimension

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



2F4B42



356153



2F464B



222625



006645



00E69C

Inverse Universe

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



4B2F38



613543



4B342F



262224



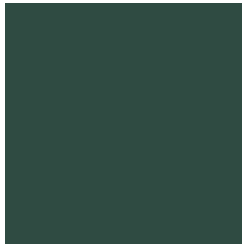
660021



E6004A

Previews

White Background



This preview shows how the Hex color 2F4B42 looks on a white background.

Color Contrast Check

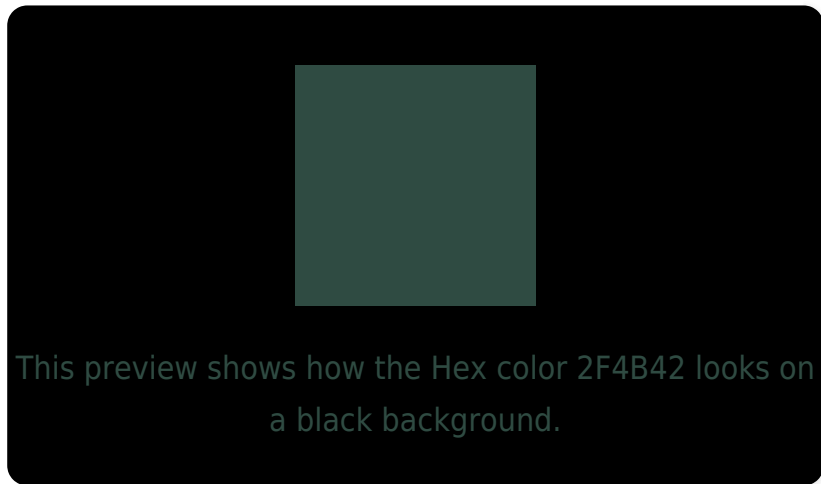
Large Text (above 18pt) WCAG AA ✓ Pass

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

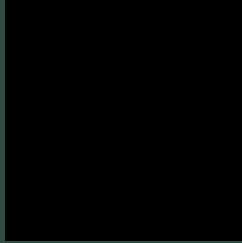
Any Text WCAG AA × Fail

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 2F4B42 Background



This preview shows how black text looks on a background with the Hex color 2F4B42.



This preview shows how white text looks on a background with the Hex color 2F4B42.

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](#).

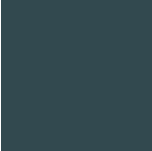
Dichromacy



Original Color
2F4B42

Protanopia
48453F

Deuteranopia
4D4344



Tritanopia
32494F

Trichromacy



Original Color
2F4B42

Protanomaly
3F4740

Deuteranomaly
424643

Tritanomaly
314A4A

Monochromacy



Original Color
2F4B42

Achromatopsia
424242

Achromatomaly
3B4542

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4B42 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 #2F4B42 looks like.

```
.text, #text, p{  
    color:#2F4B42  
}
```

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 #2F4B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4B42
}
```

Border

The CSS property to change the border of an element to Hex 2F4B42 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
#2F4B42 }
```

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

```
.border{ border-color:#2F4B42 }
```

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

Here you see how a box with a 4 pixel #2F4B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4B42; -webkit-box-shadow:4px 4px  
4px 4px #2F4B42; box-shadow:4px 4px 4px  
4px #2F4B42 }
```

Background

The CSS property to change the background color of an element to Hex 2F4B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4B42 }
```

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

```
.background{ background-color:#2F4B42 }
```

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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