

Converting Colors

Hex(2F5A46)

Have a look what the booklet for
Hex(2F5A46) contains.

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Color

Hex(2F5A46)

Conversions

Conversions Part 1

Format	Color
Hex	2F5A46
RGB	47, 90, 70
RGB Percent	18%, 35%, 27%
CMY	0.8157, 0.6471, 0.7255
CMYK	0.48, 0.00, 0.22, 0.65
HSL	152°, 31%, 27%
HSV	152°, 48%, 35%
XYZ	5.9339, 8.3589, 7.0950
YIQ	74.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

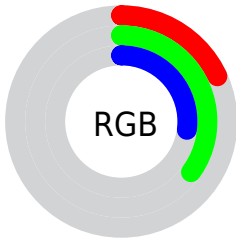
Format	Color
R_{YB}	47, 75, 90
Decimal	3103302
CIE _{Lab}	34.72, -20.27, 6.97
CIE _{LCh}	35, 21.429, 161.030
Yxy	8.3589, 0.2774, 0.3908
Android (android.graphics.Color)	4281293382 (0xFF2F5A46)
YUV	74.8630, -2.3975, -24.4359
Hunter-Lab	28.9117, -13.9595, 5.6882




Details

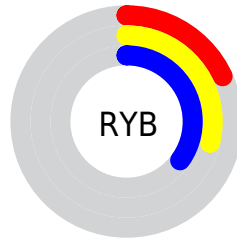
The Hex color **2F5A46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A2F43**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **608C76**, and **002C1B** is the 20% darker color. If you saturate the color by 10%, you get **265A42**, and if you desaturate by 10%, it is **385A4A**.

Distribution







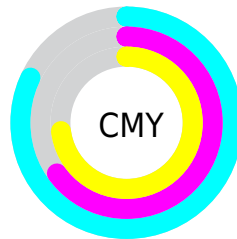
-  Red (18%)
-  Green (35%)
-  Blue (27%)






-  Red (18%)
-  Yellow (29%)
-  Blue (35%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (65%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5A46 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 2F5A46 by changing the saturation by 10% instead.

 2F5A46

 2F5A46

FFFFFF

 174230

 608C76

 002C1B

 79A790

 001900

 94C2AA

 000000

 AFDEC6

 CAFBE2

 E7FFFE

 2F5A46

 2F5A46

 265A42

 385A4A

■ 1D5A3E

■ 415A4E

■ 145A39

■ 4A5A53

■ 0B5A35

■ 535A57

■ 025A31

■ 5C5A5B

■ 005A30

■ 655A5F

■ 6E5A63

■ 775A67

■ 805A6C

Harmonies

Analogous

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



445737



2F5A46



195B58

Triad

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



2F5A46



445173



71473C

Complementary

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



2F5A46



5A2F43

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.



73454C



2F5A46



5C4B6B

Square

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



2F5A46



275672



6C465D



664D32

Rectangle

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



2F5A46



0E5A63



6C465D



724641

Sweetspot

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



2F5A46



65756E



435A2F



313B36



BABABA



3B3B3B

Same Dimension

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



2F5A46



327556



2F595A



292E2C



006E3B



00ED7F

Inverse Universe

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



5A2F43



753252



5A302F



2E292B



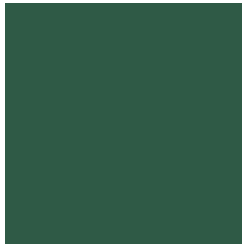
6E0033



ED006E

Previews

White Background



This preview shows how the Hex color 2F5A46 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

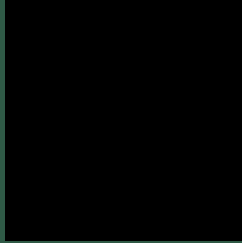
Any Text WCAG AA × Fail

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 2F5A46 Background



This preview shows how black text looks on a background with the Hex color 2F5A46.



This preview shows how white text looks on a background with the Hex color 2F5A46.

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
2F5A46

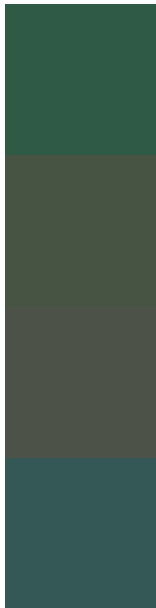
Protanopia
565142

Deuteranopia
5C4E49



Tritanopia
35575E

Trichromacy



Original Color
2F5A46

Protanomaly
485443

Deuteranomaly
4C5248

Tritanomaly
335855

Monochromacy



Original Color
2F5A46

Achromatopsia
4B4B4B

Achromatomaly
415049

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5A46 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 #2F5A46 looks like.

```
.text, #text, p{  
    color:#2F5A46  
}
```

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 #2F5A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5A46  
}
```

Border

The CSS property to change the border of an element to Hex 2F5A46 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  
#2F5A46 }
```

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

```
.border{ border-color:#2F5A46 }
```

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

Here you see how a box with a 4 pixel #2F5A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5A46; -webkit-box-shadow:4px 4px  
4px 4px #2F5A46; box-shadow:4px 4px 4px  
4px #2F5A46 }
```

Background

The CSS property to change the background color of an element to Hex 2F5A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5A46 }
```

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

```
.background{ background-color:#2F5A46 }
```

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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