

Converting Colors

Hex(2F5B47)

Have a look what the booklet for
Hex(2F5B47) contains.

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Color

Hex(2F5B47)

Conversions

Conversions Part 1

Format	Color
Hex	2F5B47
RGB	47, 91, 71
RGB Percent	18%, 36%, 28%
CMY	0.8157, 0.6431, 0.7216
CMYK	0.48, 0.00, 0.22, 0.64
HSL	153°, 32%, 27%
HSV	153°, 48%, 36%
XYZ	6.0507, 8.5414, 7.2910
YIQ	75.5640, -19.8040, -15.5480

Conversions

Conversions Part 2

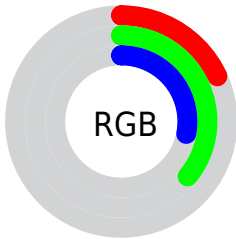
Format	Color
R_{YB}	47, 75, 91
Decimal	3103559
CIE Lab	35.09, -20.55, 6.86
CIE LCh	35, 21.669, 161.533
Yxy	8.5414, 0.2765, 0.3903
Android (android.graphics.Color)	4281293639 (0xFF2F5B47)
YUV	75.5640, -2.2501, -25.0506
Hunter-Lab	29.2257, -14.1896, 5.6668

Details

The Hex color **2F5B47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B2F43**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **608D77**, and **002D1C** is the 20% darker color. If you saturate the color by 10%, you get **265B43**, and if you desaturate by 10%, it is **385B4B**.

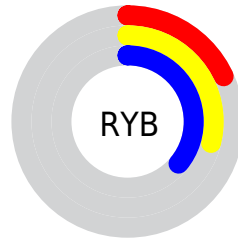
Distribution



Red (18%)

Green (36%)

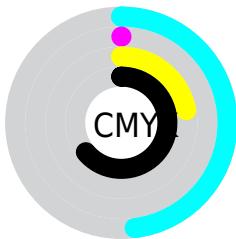
Blue (28%)



Red (18%)

Yellow (29%)

Blue (36%)

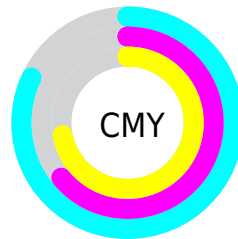


Cyan (48%)

Magenta (0%)

Yellow (22%)

Black (64%)



Cyan (82%)

Magenta (64%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5B47 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 2F5B47 by changing the saturation by 10% instead.

 2F5B47

 2F5B47

FFFFFF

 174331

 608D77

 002D1C

 79A891

 001A01

 94C3AC

 000000

 AFDFC7

 CBFCE3

 E7FFFF

 2F5B47

 2F5B47

 265B43

 385B4B

■ 1D5B3F

■ 415B4F

■ 145B3B

■ 4A5B53

■ 0B5B36

■ 535B58

■ 025B32

■ 5D5B5C

■ 005B32

■ 665B60

■ 6F5B64

■ 785B68

■ 815B6C

Harmonies

Analogous

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



445838



2F5B47



185C59

Triad

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



2F5B47



455274



72483C

Complementary

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



2F5B47



5B2F43

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.



74454C



2F5B47



5D4C6C

Square

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



2F5B47



285773



6E475E



674E32

Rectangle

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



2F5B47



0E5B64



6E475E



734741

Sweetspot

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



2F5B47



64756D



445B2F



303B36



BABABA



3B3B3B

Same Dimension

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



2F5B47



317556



2F5A5B



292E2C



006E3C



00ED81

Inverse Universe

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



5B2F43



753150



5B302F



2E292B



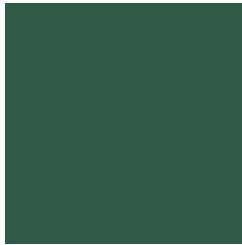
6E0032



ED006C

Previews

White Background



This preview shows how the Hex color 2F5B47 looks on a white background.

Color Contrast Check

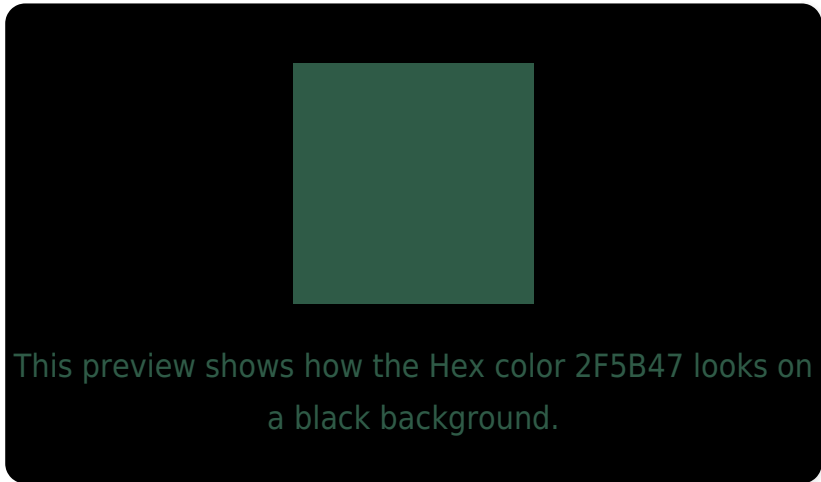
Large Text (above 18pt) WCAG AA ✓ Pass

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

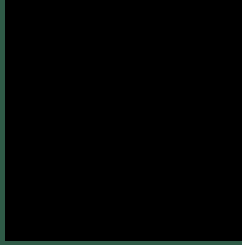
Any Text WCAG AA × Fail

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 2F5B47 Background



This preview shows how black text looks on a background with the Hex color 2F5B47.



This preview shows how white text looks on a background with the Hex color 2F5B47.

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
2F5B47

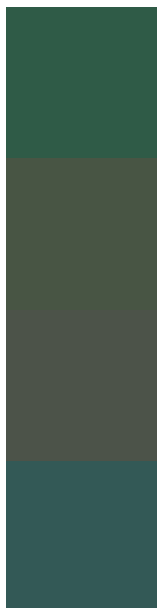
Protanopia
575243

Deuteranopia
5D4F4A



Tritanopia
35585F

Trichromacy



Original Color
2F5B47

Protanomaly
485544

Deuteranomaly
4C5349

Tritanomaly
335956

Monochromacy



Original Color
2F5B47

Achromatopsia
4C4C4C

Achromatomaly
41514A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5B47 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 #2F5B47 looks like.

```
.text, #text, p{  
    color:#2F5B47  
}
```

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 #2F5B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5B47
}
```

Border

The CSS property to change the border of an element to Hex 2F5B47 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
#2F5B47 }
```

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

```
.border{ border-color:#2F5B47 }
```

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

Here you see how a box with a 4 pixel #2F5B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5B47; -webkit-box-shadow:4px 4px  
4px 4px #2F5B47; box-shadow:4px 4px 4px  
4px #2F5B47 }
```

Background

The CSS property to change the background color of an element to Hex 2F5B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5B47 }
```

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

```
.background{ background-color:#2F5B47 }
```

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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