

Converting Colors

Hex(2F5F4E)

Have a look what the booklet for
Hex(2F5F4E) contains.

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Color

Hex(2F5F4E)

Conversions

Conversions Part 1

Format	Color
Hex	2F5F4E
RGB	47, 95, 78
RGB Percent	18%, 37%, 31%
CMY	0.8157, 0.6275, 0.6941
CMYK	0.51, 0.00, 0.18, 0.63
HSL	159°, 34%, 28%
HSV	159°, 51%, 37%
XYZ	6.6396, 9.3388, 8.6604
YIQ	78.7100, -23.1510, -15.4630

Conversions

Conversions Part 2

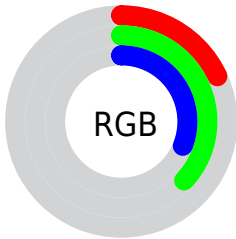
Format	Color
RYB	47, 76, 95
Decimal	3104590
CIELab	36.63, -20.92, 4.73
CIELCh	37, 21.452, 167.268
Yxy	9.3388, 0.2695, 0.3790
Android (android.graphics.Color)	4281294670 (0xFF2F5F4E)
YUV	78.7100, -0.3500, -27.8097
Hunter-Lab	30.5595, -14.6965, 4.5892




Details

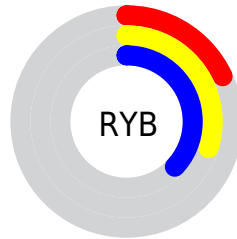
The Hex color **2F5F4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2F40**, and the grayscale version is **4F4F4F**.



A 20% lighter version of the original color is **61927F**, and **003022** is the 20% darker color. If you saturate the color by 10%, you get **265F4B**, and if you desaturate by 10%, it is **395F51**.

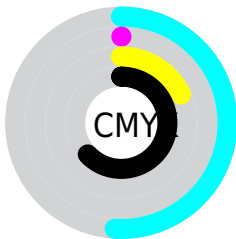
Distribution







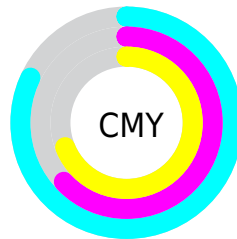
-  Red (18%)
-  Green (37%)
-  Blue (31%)






-  Red (18%)
-  Yellow (30%)
-  Blue (37%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (18%)
-  Black (63%)



-  Cyan (82%)
-  Magenta (63%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5F4E 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 2F5F4E by changing the saturation by 10% instead.

■ 2F5F4E

■ 2F5F4E

FFFFFF

■ 164737

■ 61927F

■ 003022

■ 7AAC99

■ 001D0C

■ 95C8B4

■ 000000

■ B0E4CF

■ CCFEB

■ E8FFF

■ 2F5F4E

■ 2F5F4E

■ 265F4B

■ 395F51

■ 1C5F47

■ 425F55

■ 125F44

■ 4C5F58

■ 095F41

■ 555F5B

■ 005F3D

■ 5F5F5F

■ 685F62

■ 725F66

■ 7B5F69

■ 855F6C

Harmonies

Analogous

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



445D3E



2F5F4E



1B5F60

Triad

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



2F5F4E



4E5477



744D3E

Complementary

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



2F5F4E



5F2F40

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.



78494D



2F5F4E



654E6E

Square

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



2F5F4E



325A77



734A5E



685335

Rectangle

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



2F5F4E



165F6A



734A5E



764B42

Sweetspot

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



2F5F4E



687A74



415F2F



323D39



BDBDBD



3D3D3D

Same Dimension

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



2F5F4E



307A60



2F595F



2C302F



007048



00F09B

Inverse Universe

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



5F2F40



7A304A



5F352F



302C2D



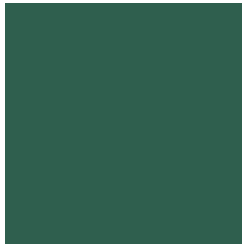
700028



F00055

Previews

White Background



This preview shows how the Hex color 2F5F4E looks on a white background.

Color Contrast Check

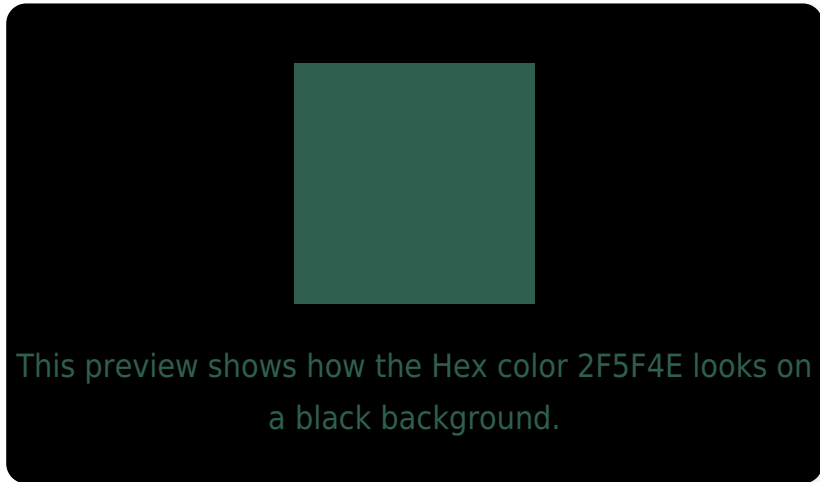
Large Text (above 18pt) WCAG AA ✓ Pass

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

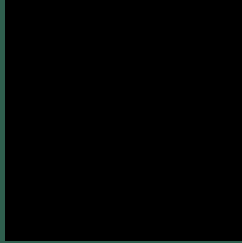
Any Text WCAG AA × Fail

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 2F5F4E Background



This preview shows how black text looks on a background with the Hex color 2F5F4E.



This preview shows how white text looks on a background with the Hex color 2F5F4E.

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
2F5F4E

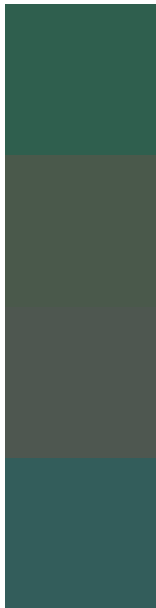
Protanopia
5A5649

Deuteranopia
605351



Tritanopia
355C63

Trichromacy



Original Color
2F5F4E

Protanomaly
4A594B

Deuteranomaly
4E5750

Tritanomaly
335D5B

Monochromacy



Original Color
2F5F4E

Achromatopsia
4F4F4F

Achromatomaly
43554F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5F4E 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 #2F5F4E looks like.

```
.text, #text, p{  
    color:#2F5F4E  
}
```

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 #2F5F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5F4E
}
```

Border

The CSS property to change the border of an element to Hex 2F5F4E 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".

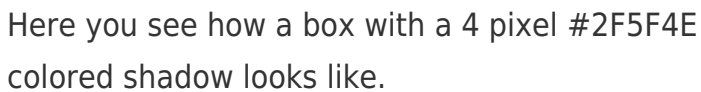
```
.border, #border, table{ border:4px solid
#2F5F4E }
```

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

```
.border{ border-color:#2F5F4E }
```

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

Here you see how a box with a 4 pixel #2F5F4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5F4E; -webkit-box-shadow:4px 4px  
4px 4px #2F5F4E; box-shadow:4px 4px 4px  
4px #2F5F4E }
```

Background

The CSS property to change the background color of an element to Hex 2F5F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5F4E }
```

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

```
.background{ background-color:#2F5F4E }
```

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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