

Converting Colors

Hex(2F6E54)

Have a look what the booklet for
Hex(2F6E54) contains.

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Color

Hex(2F6E54)

Conversions

Conversions Part 1

Format	Color
Hex	2F6E54
RGB	47, 110, 84
RGB Percent	18%, 43%, 33%
CMY	0.8157, 0.5686, 0.6706
CMYK	0.57, 0.00, 0.24, 0.57
HSL	155°, 40%, 31%
HSV	155°, 57%, 43%
XYZ	8.3485, 12.3963, 10.3402
YIQ	88.1990, -29.2020, -21.4420

Conversions

Conversions Part 2

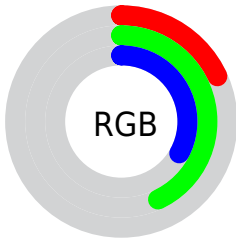
Format	Color
R_{YB}	47, 87, 110
Decimal	3108436
CIE Lab	41.84, -27.05, 8.48
CIE LCh	42, 28.345, 162.602
Yxy	12.3963, 0.2686, 0.3988
Android (android.graphics.Color)	4281298516 (0xFF2F6E54)
YUV	88.1990, -2.0701, -36.1315
Hunter-Lab	35.2084, -19.2895, 7.2332

Details

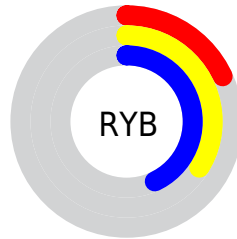
The Hex color **2F6E54** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E2F49**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **63A286**, and **003E27** is the 20% darker color. If you saturate the color by 10%, you get **246E4F**, and if you desaturate by 10%, it is **3A6E59**.

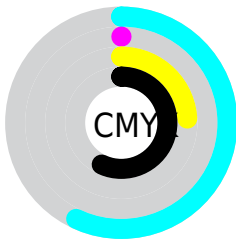
Distribution



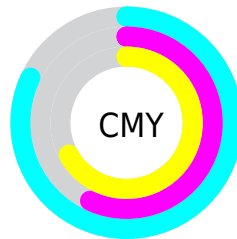
- Red (18%)
- Green (43%)
- Blue (33%)



- Red (18%)
- Yellow (34%)
- Blue (43%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (57%)



- Cyan (82%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6E54 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 2F6E54 by changing the saturation by 10% instead.



2F6E54



2F6E54

FFFFFF



13553D



63A286



003E27



7DBDA0



002713



98D9BB



000C00



B3F6D6



000000



D0FFF3



ECFFFF



2F6E54



2F6E54



246E4F



3A6E59

■ 196E4B

■ 456E5D

■ 0E6E46

■ 506E62

■ 036E42

■ 5B6E66

■ 006E41

■ 666E6B

■ 716E6F

■ 7C6E74

■ 876E78

■ 926E7D

Harmonies

Analogous

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



4E6A3F



2F6E54



006F6C

Triad

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



2F6E54



506290



8B5544

Complementary

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



2F6E54



6E2F49

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.



90505A



2F6E54



725985

Square

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



2F6E54



21698F



875271



7D5D36

Rectangle

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



2F6E54



006E7B



875271



8E534B

Sweetspot

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



2F6E54



778F85



496E2F



394742



C7C7C7



474747

Same Dimension

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



2F6E54



2C8F66



2F696E



323836



007846



00F791

Inverse Universe

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



6E2F49



8F2C55



6E342F



383235



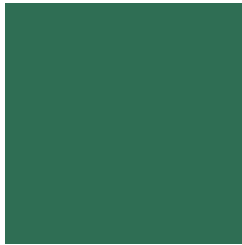
780031



F70066

Previews

White Background



This preview shows how the Hex color 2F6E54 looks on a white background.

Color Contrast Check

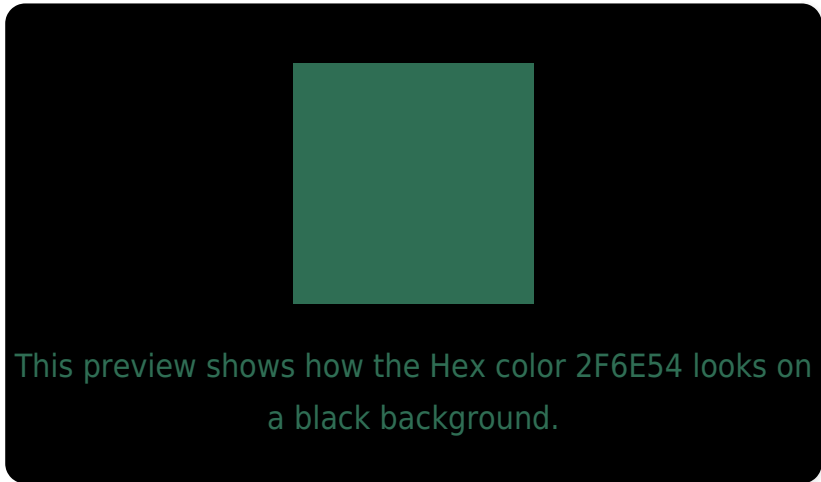
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

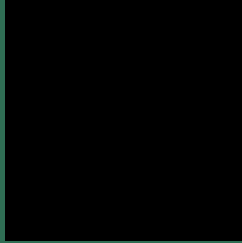
Any Text WCAG AA × Fail

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 2F6E54 Background



This preview shows how black text looks on a background with the Hex color 2F6E54.

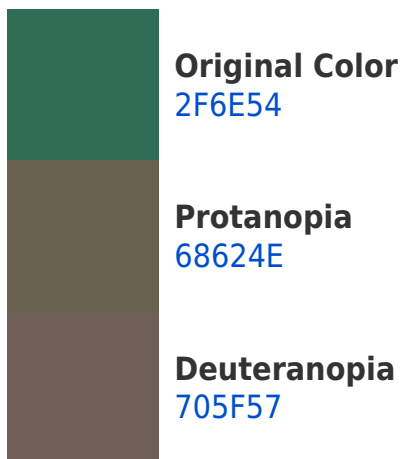


This preview shows how white text looks on a background with the Hex color 2F6E54.

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





Tritanopia
396A73

Trichromacy



Original Color
2F6E54

Protanomaly
536650

Deuteranomaly
586456

Tritanomaly
356B68

Monochromacy



Original Color
2F6E54

Achromatopsia
585858

Achromatomaly
496057

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6E54 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 #2F6E54 looks like.

```
.text, #text, p{  
    color:#2F6E54  
}
```

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 #2F6E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6E54
}
```

Border

The CSS property to change the border of an element to Hex 2F6E54 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
#2F6E54 }
```

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

```
.border{ border-color:#2F6E54 }
```

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

Here you see how a box with a 4 pixel #2F6E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6E54; -webkit-box-shadow:4px 4px  
4px 4px #2F6E54; box-shadow:4px 4px 4px  
4px #2F6E54 }
```

Background

The CSS property to change the background color of an element to Hex 2F6E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6E54 }
```

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

```
.background{ background-color:#2F6E54 }
```

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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