

Converting Colors

Hex(2F6F5E)

Have a look what the booklet for
Hex(2F6F5E) contains.

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Color

Hex(2F6F5E)

Conversions

Conversions Part 1

Format	Color
Hex	2F6F5E
RGB	47, 111, 94
RGB Percent	18%, 44%, 37%
CMY	0.8157, 0.5647, 0.6314
CMYK	0.58, 0.00, 0.15, 0.56
HSL	164°, 41%, 31%
HSV	164°, 58%, 44%
XYZ	8.8771, 12.7814, 12.5889
YIQ	89.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

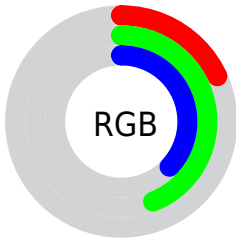
Format	Color
RYB	47, 84, 111
Decimal	3108702
CIELab	42.43, -25.01, 3.31
CIELCh	42, 25.226, 172.456
Yxy	12.7814, 0.2592, 0.3732
Android (android.graphics.Color)	4281298782 (0xFF2F6F5E)
YUV	89.9260, 2.0085, -37.6461
Hunter-Lab	35.7510, -18.2421, 4.1482




Details

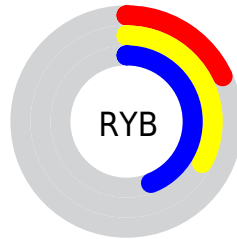
The Hex color **2F6F5E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F2F40**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **63A390**, and **003F30** is the 20% darker color. If you saturate the color by 10%, you get **246F5B**, and if you desaturate by 10%, it is **3A6F61**.

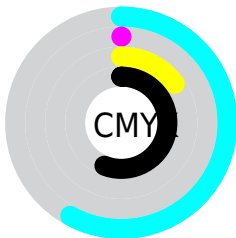
Distribution







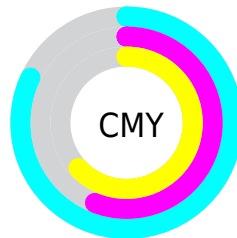
-  Red (18%)
-  Green (44%)
-  Blue (37%)






-  Red (18%)
-  Yellow (33%)
-  Blue (44%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6F5E 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 2F6F5E by changing the saturation by 10% instead.

 2F6F5E

 2F6F5E

FFFFFF

 125646

 63A390

 003F30

 7EBEAB

 00281B

 99DAC6

 001000

 B4F7E2

 000000

 D0FFFF

 EDFFFF

 2F6F5E

 2F6F5E

 246F5B

 3A6F61

■ 196F58

■ 456F64

■ 0E6F55

■ 506F67

■ 036F52

■ 5B6F6A

■ 006F52

■ 676F6D

■ 726F70

■ 7D6F73

■ 886F76

■ 936F79

Harmonies

Analogous

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



4A6C4A



2F6F5E



136F73

Triad

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



2F6F5E



5F618B



865A44

Complementary

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



2F6F5E



6F2F40

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.



8D5555



2F6F5E



79597E

Square

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



2F6F5E



3D688D



89556A



77613B

Rectangle

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



2F6F5E



106E80



89556A



895849

Sweetspot

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



2F6F5E



79918B



406F2F



3B4A46



C9C9C9



4A4A4A

Same Dimension

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



2F6F5E



2D9177



2F606F



323837



007858



00F7B6

Inverse Universe

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



6F2F40



912D48



6F3E2F



383234



780020



F70042

Previews

White Background



This preview shows how the Hex color 2F6F5E looks on a white background.

Color Contrast Check

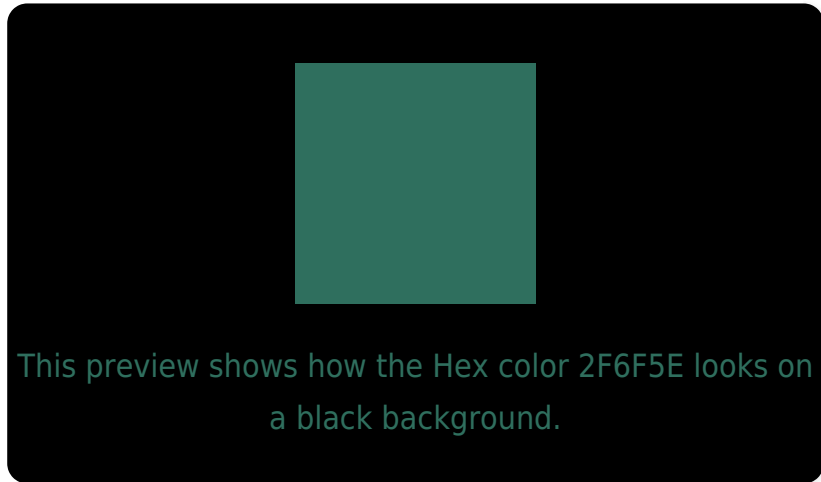
Large Text (above 18pt) WCAG AA ✓ Pass

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

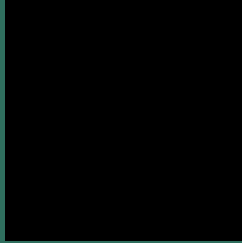
Any Text WCAG AA × Fail

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 2F6F5E Background



This preview shows how black text looks on a background with the Hex color 2F6F5E.



This preview shows how white text looks on a background with the Hex color 2F6F5E.

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
2F6F5E

Protanopia
686358

Deuteranopia
6E6061



Tritanopia
376C75

Trichromacy



Original Color
2F6F5E

Protanomaly
53675A

Deuteranomaly
576560

Tritanomaly
346D6D

Monochromacy



Original Color
2F6F5E

Achromatopsia
5A5A5A

Achromatomaly
4A625B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6F5E 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 #2F6F5E looks like.

```
.text, #text, p{  
    color:#2F6F5E  
}
```

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 #2F6F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6F5E
}
```

Border

The CSS property to change the border of an element to Hex 2F6F5E 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".

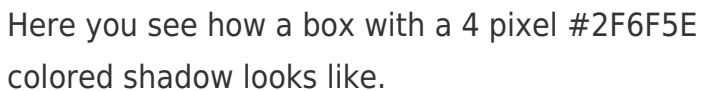
```
.border, #border, table{ border:4px solid
#2F6F5E }
```

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

```
.border{ border-color:#2F6F5E }
```

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

Here you see how a box with a 4 pixel #2F6F5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6F5E; -webkit-box-shadow:4px 4px  
4px 4px #2F6F5E; box-shadow:4px 4px 4px  
4px #2F6F5E }
```

Background

The CSS property to change the background color of an element to Hex 2F6F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6F5E }
```

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

```
.background{ background-color:#2F6F5E }
```

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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