

Converting Colors

Hex(2F6A53)

Have a look what the booklet for
Hex(2F6A53) contains.

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Color

Hex(2F6A53)

Conversions

Conversions Part 1

Format	Color
Hex	2F6A53
RGB	47, 106, 83
RGB Percent	18%, 42%, 33%
CMY	0.8157, 0.5843, 0.6745
CMYK	0.56, 0.00, 0.22, 0.58
HSL	157°, 39%, 30%
HSV	157°, 56%, 42%
XYZ	7.8877, 11.5369, 9.9947
YIQ	85.7370, -27.7810, -19.6610

Conversions

Conversions Part 2

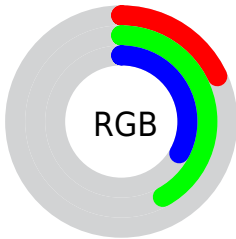
Format	Color
RYB	47, 84, 106
Decimal	3107411
CIELab	40.47, -25.32, 7.14
CIELCh	40, 26.304, 164.242
Yxy	11.5369, 0.2681, 0.3922
Android (android.graphics.Color)	4281297491 (0xFF2F6A53)
YUV	85.7370, -1.3493, -33.9723
Hunter-Lab	33.9661, -17.9891, 6.3298

Details

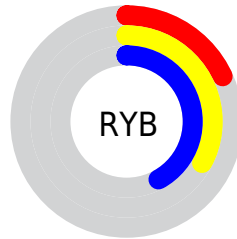
The Hex color **2F6A53** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A2F46**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **629E84**, and **003A26** is the 20% darker color. If you saturate the color by 10%, you get **246A4F**, and if you desaturate by 10%, it is **3A6A57**.

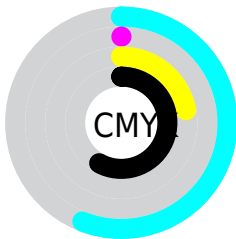
Distribution



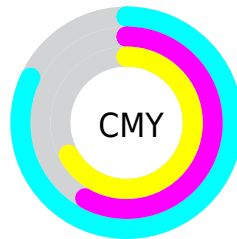
- Red (18%)
- Green (42%)
- Blue (33%)



- Red (18%)
- Yellow (33%)
- Blue (42%)



- Cyan (56%)
- Magenta (0%)
- Yellow (22%)
- Black (58%)



- Cyan (82%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6A53 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 2F6A53 by changing the saturation by 10% instead.

■ 2F6A53

■ 2F6A53

FFFFFF

■ 14513C

■ 629E84

■ 003A26

■ 7CB99F

■ 002412

■ 97D5BA

■ 000300

■ B2F1D5

■ 000000

■ CEFFF2

■ EBFFFF

■ 2F6A53

■ 2F6A53

■ 246A4F

■ 3A6A57

■ 1A6A4B

■ 446A5B

■ 0F6A47

■ 4F6A5F

■ 056A42

■ 596A64

■ 006A41

■ 646A68

■ 6F6A6C

■ 796A70

■ 846A74

■ 8E6A78

Harmonies

Analogous

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



4B6740



2F6A53



056B69

Triad

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



2F6A53



515E89



855342

Complementary

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



2F6A53



6A2F46

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.



894F56



2F6A53



6F567E

Square

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



2F6A53



296588



82506C



775A36

Rectangle

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



2F6A53



006A77



82506C



875148

Sweetspot

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



2F6A53



728A81



476A2F



37453F



C4C4C4



454545

Same Dimension

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



2F6A53



2D8A66



2F646A



303633



007548



00F595

Inverse Universe

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



6A2F46



8A2D51



6A352F



363032



75002E



F5005F

Previews

White Background



This preview shows how the Hex color 2F6A53 looks on a white background.

Color Contrast Check

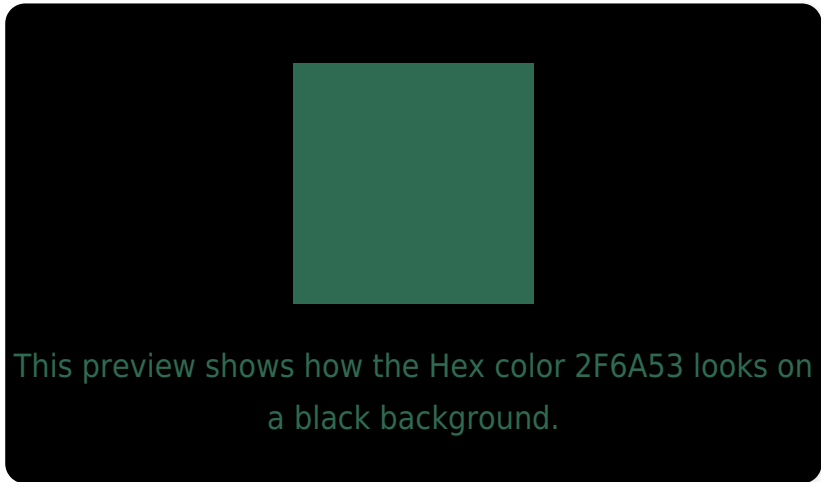
Large Text (above 18pt) WCAG AA ✓ Pass

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

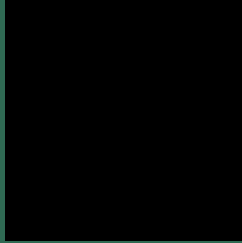
Any Text WCAG AA × Fail

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 2F6A53 Background



This preview shows how black text looks on a background with the Hex color 2F6A53.



This preview shows how white text looks on a background with the Hex color 2F6A53.

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
2F6A53

Protanopia
655F4D

Deuteranopia
6B5C56



Tritanopia
38666F

Trichromacy



Original Color
2F6A53

Protanomaly
51634F

Deuteranomaly
556155

Tritanomaly
356765

Monochromacy



Original Color
2F6A53

Achromatopsia
565656

Achromatomaly
485D55

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6A53 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 #2F6A53 looks like.

```
.text, #text, p{  
    color:#2F6A53  
}
```

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 #2F6A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6A53  
}
```

Border

The CSS property to change the border of an element to Hex 2F6A53 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  
#2F6A53 }
```

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

```
.border{ border-color:#2F6A53 }
```

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

Here you see how a box with a 4 pixel #2F6A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6A53; -webkit-box-shadow:4px 4px  
4px 4px #2F6A53; box-shadow:4px 4px 4px  
4px #2F6A53 }
```

Background

The CSS property to change the background color of an element to Hex 2F6A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6A53 }
```

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

```
.background{ background-color:#2F6A53 }
```

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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