

Converting Colors

Hex(2F6A3F)

Have a look what the booklet for
Hex(2F6A3F) contains.

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Color

Hex(2F6A3F)

Conversions

Conversions Part 1

Format	Color
Hex	2F6A3F
RGB	47, 106, 63
RGB Percent	18%, 42%, 25%
CMY	0.8157, 0.5843, 0.7529
CMYK	0.56, 0.00, 0.41, 0.58
HSL	136°, 39%, 30%
HSV	136°, 56%, 42%
XYZ	7.2235, 11.2713, 6.4975
YIQ	83.4570, -21.3610, -25.8810

Conversions

Conversions Part 2

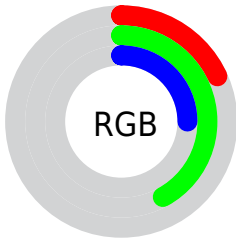
Format	Color
RYB	47, 93, 106
Decimal	3107391
CIELab	40.03, -29.73, 18.45
CIELCh	40, 34.995, 148.174
Yxy	11.2713, 0.2890, 0.4510
Android (android.graphics.Color)	4281297471 (0xFF2F6A3F)
YUV	83.4570, -10.0853, -31.9728
Hunter-Lab	33.5727, -20.3461, 12.0263




Details

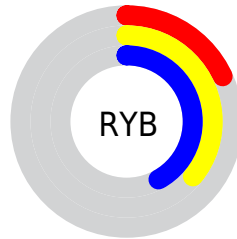
The Hex color **2F6A3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A2F5A**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **629E6F**, and **003A13** is the 20% darker color. If you saturate the color by 10%, you get **246A37**, and if you desaturate by 10%, it is **3A6A47**.

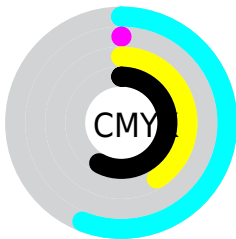
Distribution







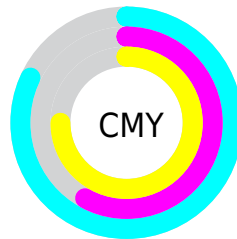
-  Red (18%)
-  Green (42%)
-  Blue (25%)






-  Red (18%)
-  Yellow (36%)
-  Blue (42%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (58%)



-  Cyan (82%)
-  Magenta (58%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6A3F 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 2F6A3F by changing the saturation by 10% instead.

 2F6A3F

 2F6A3F

FFFFFF

 145129

 629E6F

 003A13

 7CB989

 002400

 97D5A3

 000000

 B2F1BE

 CEFFDA

 EBFFF7

 2F6A3F

 2F6A3F

 246A37

 3A6A47

■ 1A6A30

■ 446A4E

■ 0F6A28

■ 4F6A56

■ 056A20

■ 596A5E

■ 006A1D

■ 646A66

■ 6F6A6D

■ 796A75

■ 846A7D

■ 8E6A85

Harmonies

Analogous

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



54652A



2F6A3F



006C5C

Triad

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



2F6A3F



206297



934845

Complementary

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



2F6A3F



6A2F5A

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.



914661



2F6A3F



5D5891

Square

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



2F6A3F



00698E



804C7D



86522E

Rectangle

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



2F6A3F



006D6F



804C7D



94474E

Sweetspot

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



2F6A3F



728A79



5A6A2F



37453B



C4C4C4



454545

Same Dimension

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



2F6A3F



2D8A46



2F6A5C



303632



007520



00F542

Inverse Universe

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



6A2F5A



8A2D71



6A2F3D



363034



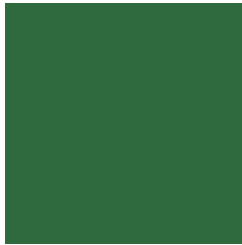
750055



F500B2

Previews

White Background



This preview shows how the Hex color 2F6A3F 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

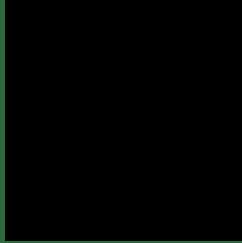
Any Text WCAG AA × Fail

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 2F6A3F Background



This preview shows how black text looks on a background with the Hex color 2F6A3F.



This preview shows how white text looks on a background with the Hex color 2F6A3F.

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
2F6A3F

Protanopia
665E3A

Deuteranopia
705A43



Tritanopia
3B656D

Trichromacy



Original Color
2F6A3F

Protanomaly
52623C

Deuteranomaly
586042

Tritanomaly
37675C

Monochromacy



Original Color
2F6A3F

Achromatopsia
535353

Achromatomaly
465B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6A3F 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 #2F6A3F looks like.

```
.text, #text, p{  
    color:#2F6A3F  
}
```

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 #2F6A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6A3F
}
```

Border

The CSS property to change the border of an element to Hex 2F6A3F 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
#2F6A3F }
```

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

```
.border{ border-color:#2F6A3F }
```

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

Here you see how a box with a 4 pixel #2F6A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6A3F; -webkit-box-shadow:4px 4px  
4px 4px #2F6A3F; box-shadow:4px 4px 4px  
4px #2F6A3F }
```

Background

The CSS property to change the background color of an element to Hex 2F6A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6A3F }
```

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

```
.background{ background-color:#2F6A3F }
```

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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