

Converting Colors

Hex(2F6746)

Have a look what the booklet for
Hex(2F6746) contains.

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Color

Hex(2F6746)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2F6746 |
| RGB | 47, 103, 70 |
| RGB Percent | 18%, 40%, 27% |
| CMY | 0.8157, 0.5961, 0.7255 |
| CMYK | 0.54, 0.00, 0.32, 0.60 |
| HSL | 145°, 37%, 29% |
| HSV | 145°, 54%, 40% |
| XYZ | 7.1280, 10.7470, 7.4930 |
| YIQ | 82.4940, -22.7830, -22.1350 |

Conversions

Conversions Part 2

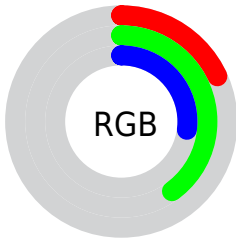
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 87, 103 |
| Decimal | 3106630 |
| CIE _{Lab} | 39.15, -26.87, 13.13 |
| CIE _{LCh} | 39, 29.903, 153.956 |
| Yxy | 10.7470, 0.2810, 0.4236 |
| Android (android.graphics.Color) | 4281296710 (0xFF2F6746) |
| YUV | 82.4940, -6.1595, -31.1282 |
| Hunter-Lab | 32.7827, -18.5579, 9.3961 |

Details

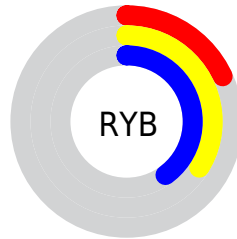
The Hex color **2F6746** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **672F50**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **619B76**, and **00371A** is the 20% darker color. If you saturate the color by 10%, you get **256740**, and if you desaturate by 10%, it is **39674C**.

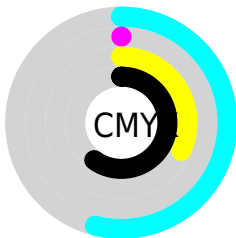
Distribution



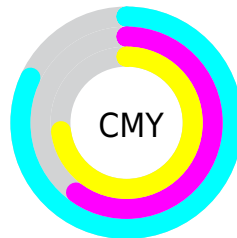
- Red (18%)
- Green (40%)
- Blue (27%)



- Red (18%)
- Yellow (34%)
- Blue (40%)



- Cyan (54%)
- Magenta (0%)
- Yellow (32%)
- Black (60%)



- Cyan (82%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6746 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 2F6746 by changing the saturation by 10% instead.

 2F6746

 2F6746


FFFFFF

 154F2F

 619B76

 00371A

 7BB690

 002200

 96D1AB

 000000

 B1EEC6

 CDFFE2

 EAFFFF

 2F6746

 2F6746

 256740

 39674C

■ 1A673A

■ 446752

■ 106734

■ 4E6758

■ 06672E

■ 58675E

■ 00672A

■ 636764

■ 6D676A

■ 776770

■ 816777

■ 8C677D

Harmonies

Analogous

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



4F6333



2F6746



00695F

Triad

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



2F6746



3A5E8D



884B42

Complementary

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



2F6746



672F50

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.



89485A



2F6746



635585

Square

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



2F6746



006487



7D4C72



7C5331

Rectangle

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



2F6746



00696F



7D4C72



8A4A4A

Sweetspot

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



2F6746



72877A



51672F



38453D



C4C4C4



454545

Same Dimension

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



2F6746



2F8753



2F6761



2E3330



00732F



00F263

Inverse Universe

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



672F50



872F63



672F35



332E31



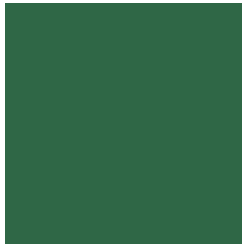
730044



F2008F

Previews

White Background



This preview shows how the Hex color 2F6746 looks on a white background.

Color Contrast Check

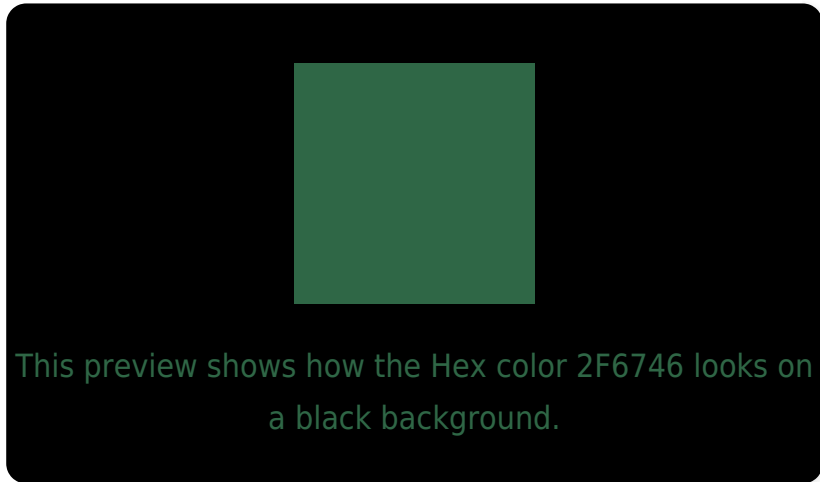
Large Text (above 18pt) WCAG AA ✓ Pass

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

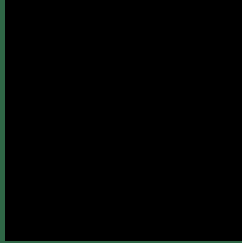
Any Text WCAG AA × Fail

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 2F6746 Background



This preview shows how black text looks on a background with the Hex color 2F6746.



This preview shows how white text looks on a background with the Hex color 2F6746.

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
2F6746

Protanopia
635C41

Deuteranopia
6B5849



Tritanopia
39626A

Trichromacy



Original Color
2F6746

Protanomaly
506043

Deuteranomaly
555D48

Tritanomaly
35645D

Monochromacy



Original Color
2F6746

Achromatopsia
525252

Achromatomaly
455A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6746 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 #2F6746 looks like.

```
.text, #text, p{  
    color:#2F6746  
}
```

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 #2F6746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6746
}
```

Border

The CSS property to change the border of an element to Hex 2F6746 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
#2F6746 }
```

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

```
.border{ border-color:#2F6746 }
```

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

Here you see how a box with a 4 pixel #2F6746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6746; -webkit-box-shadow:4px 4px  
4px 4px #2F6746; box-shadow:4px 4px 4px  
4px #2F6746 }
```

Background

The CSS property to change the background color of an element to Hex 2F6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6746 }
```

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

```
.background{ background-color:#2F6746 }
```

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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