

Converting Colors

Hex(2F4726)

Have a look what the booklet for
Hex(2F4726) contains.

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Color

Hex(2F4726)

Conversions

Conversions Part 1

Format	Color
Hex	2F4726
RGB	47, 71, 38
RGB Percent	18%, 28%, 15%
CMY	0.8157, 0.7216, 0.8510
CMYK	0.34, 0.00, 0.46, 0.72
HSL	104°, 30%, 21%
HSV	104°, 46%, 28%
XYZ	3.7754, 5.2508, 2.6482
YIQ	60.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

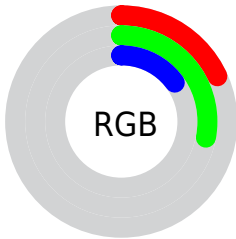
Format	Color
RYB	38, 71, 62
Decimal	3098406
CIELab	27.44, -16.63, 16.95
CIELCh	27, 23.744, 134.464
Yxy	5.2508, 0.3234, 0.4498
Android (android.graphics.Color)	4281288486 (0xFF2F4726)
YUV	60.0620, -10.8766, -11.4554
Hunter-Lab	22.9145, -10.6909, 9.1880

Details

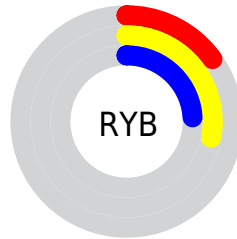
The Hex color **2F4726** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E2647**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E7853**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **2A471F**, and if you desaturate by 10%, it is **34472D**.

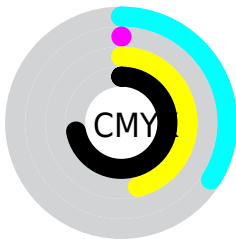
Distribution



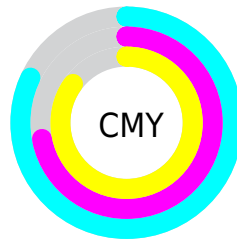
- Red (18%)
- Green (28%)
- Blue (15%)



- Red (15%)
- Yellow (28%)
- Blue (24%)



- Cyan (34%)
- Magenta (0%)
- Yellow (46%)
- Black (72%)



- Cyan (82%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4726 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 2F4726 by changing the saturation by 10% instead.

■ 2F4726

■ 2F4726

FFFFFF

■ 193011

■ 5E7853

■ 001C00

■ 77916C

■ 000000

■ 91AC85

■ ACC79F

■ C7E3BA

■ E4FFD6

■ FFFFF3

■ 2F4726

■ 2F4726

■ 2A471F

■ 34472D

■ 254718

■ 394734

■ 204711

■ 3E473B

■ 1A470A

■ 444742

■ 154702

■ 49474A

■ 134700

■ 4E4751

■ 534758

■ 58475F

■ 5D4766

Harmonies

Analogous

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



43431C



2F4726



144A36

Triad

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



2F4726



054564



633239

Complementary

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



2F4726



3E2647

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.



5E334B



2F4726



334064

Square

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



2F4726



00495A



4E395B



5F3628

Rectangle

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



2F4726



004A43



4E395B



63323F

Sweetspot

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



2F4726



525C4F



473E26



282E26



ADADAD



2E2E2E

Same Dimension

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



2F4726



365C28



26472D



212420



1B6300



3EE300

Inverse Universe

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



3E2647



4E285C



472640



232024



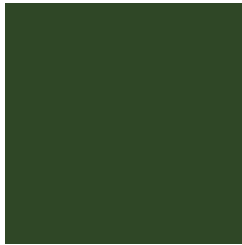
480063



A500E3

Previews

White Background



This preview shows how the Hex color 2F4726 looks on a white background.

Color Contrast Check

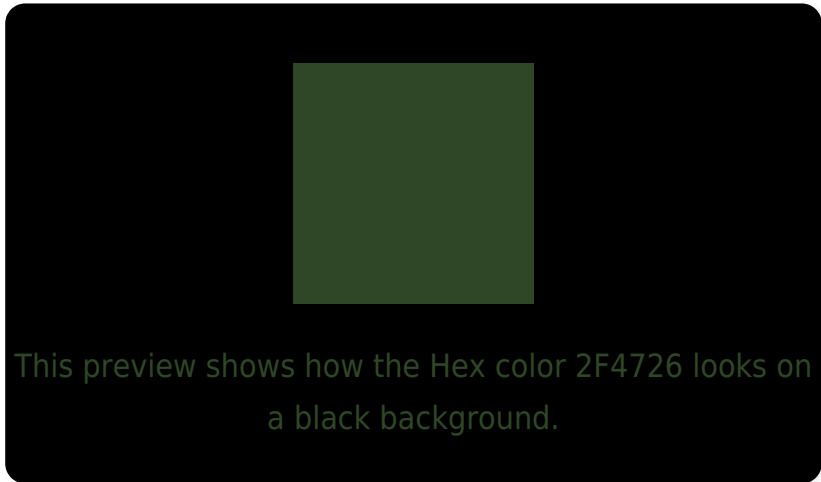
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

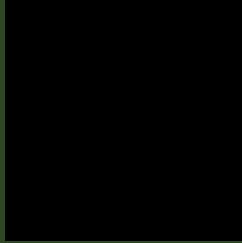
Any Text WCAG AA × Fail

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 2F4726 Background



This preview shows how black text looks on a background with the Hex color 2F4726.



This preview shows how white text looks on a background with the Hex color 2F4726.

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](#).

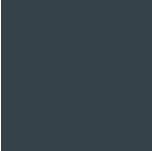
Dichromacy



Original Color
2F4726

Protanopia
474124

Deuteranopia
4E3E28



Tritanopia
354348

Trichromacy



Original Color
2F4726

Protanomaly
3E4325

Deuteranomaly
434127

Tritanomaly
33443C

Monochromacy



Original Color
2F4726

Achromatopsia
3C3C3C

Achromatomaly
374034

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4726 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 #2F4726 looks like.

```
.text, #text, p{  
    color:#2F4726  
}
```

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 #2F4726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4726
}
```

Border

The CSS property to change the border of an element to Hex 2F4726 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".

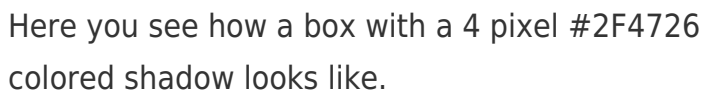
```
.border, #border, table{ border:4px solid
#2F4726 }
```

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

```
.border{ border-color:#2F4726 }
```

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

Here you see how a box with a 4 pixel #2F4726 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4726; -webkit-box-shadow:4px 4px  
4px 4px #2F4726; box-shadow:4px 4px 4px  
4px #2F4726 }
```

Background

The CSS property to change the background color of an element to Hex 2F4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4726 }
```

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

```
.background{ background-color:#2F4726 }
```

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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