

Converting Colors

Hex(2F782F)

Have a look what the booklet for
Hex(2F782F) contains.

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Color

Hex(2F782F)

Conversions

Conversions Part 1

Format	Color
Hex	2F782F
RGB	47, 120, 47
RGB Percent	18%, 47%, 18%
CMY	0.8157, 0.5294, 0.8157
CMYK	0.61, 0.00, 0.61, 0.53
HSL	120°, 44%, 33%
HSV	120°, 61%, 47%
XYZ	8.4019, 14.2425, 4.9956
YIQ	89.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

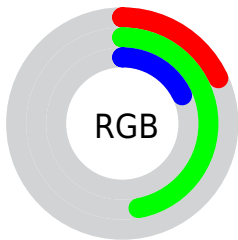
Format	Color
RYB	47, 120, 120
Decimal	3110959
CIELab	44.58, -38.38, 32.85
CIElCh	45, 50.520, 139.444
Yxy	14.2425, 0.3040, 0.5153
Android (android.graphics.Color)	4281301039 (0xFF2F782F)
YUV	89.8510, -21.1255, -37.5803
Hunter-Lab	37.7393, -26.3044, 18.5692

Details

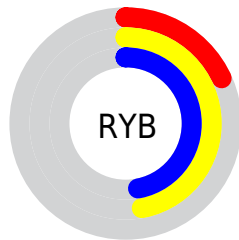
The Hex color **2F782F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **782F78**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **65AD60**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **237823**, and if you desaturate by 10%, it is **3B783B**.

Distribution



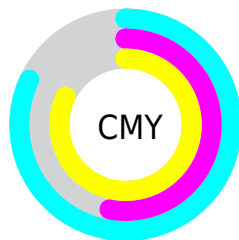
- Red (18%)
- Green (47%)
- Blue (18%)



- Red (18%)
- Yellow (47%)
- Blue (47%)



- Cyan (61%)
- Magenta (0%)
- Yellow (61%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F782F 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 2F782F by changing the saturation by 10% instead.

 2F782F

 2F782F


FFFFFF

 0E5F17

 65AD60

 004600

 80C979

 002F00

 9BE593

 001900

 B7FFAE

 000000

 D4FFCA

 F1FFE6

 2F782F

 2F782F

 237823

 3B783B

 177817

 477847

 0B780B

 537853

 007800

 5F785F

 6B786B

 777877

 837883

 8F788F

 9B789B

Harmonies

Analogous

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



64700B



2F782F



007C59

Triad

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



2F782F



0073BC



B54250

Complementary

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



2F782F



782F78

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.



AE427A



2F782F



4C65B9

Square

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



2F782F



007AA9



8D52A1



A7512A

Rectangle

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



2F782F



007D76



8D52A1



B5405E

Sweetspot

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



2F782F



809C80



78782F



3E4F3E



CFCFCF



4F4F4F

Same Dimension

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



2F782F



2A9C2A



2F7853



373D37



007D00



00FC00

Inverse Universe

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



782F78



9C2A9C



782F53



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 2F782F looks on a white background.

Color Contrast Check

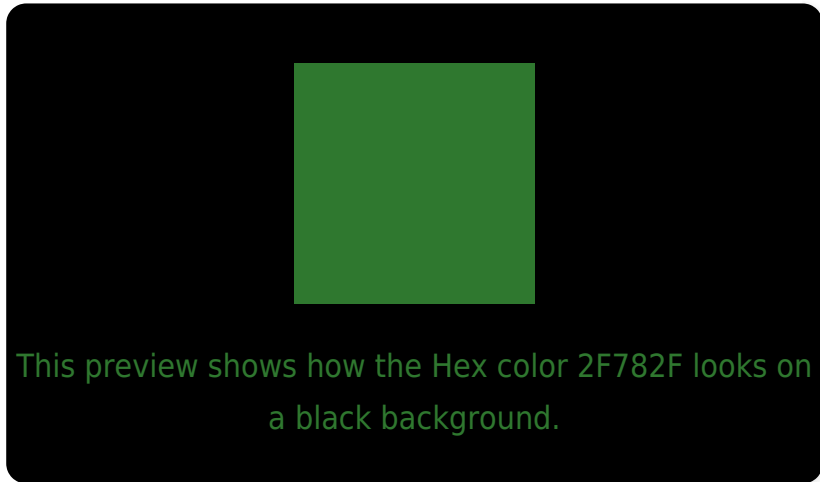
Large Text (above 18pt) WCAG AA ✓ Pass

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

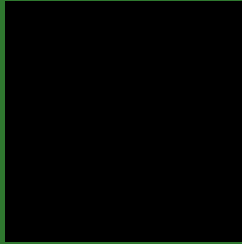
Any Text WCAG AA × Fail

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 2F782F Background



This preview shows how black text looks on a background with the Hex color 2F782F.



This preview shows how white text looks on a background with the Hex color 2F782F.

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
2F782F

Protanopia
75692B

Deuteranopia
816435



Tritanopia
41707A

Trichromacy



Original Color
2F782F

Protanomaly
5C6E2C

Deuteranomaly
636B33

Tritanomaly
3A735F

Monochromacy



Original Color
2F782F

Achromatopsia
5A5A5A

Achromatomaly
4A654A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F782F 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 #2F782F looks like.

```
.text, #text, p{  
    color:#2F782F  
}
```

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 #2F782F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F782F
}
```

Border

The CSS property to change the border of an element to Hex 2F782F 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".

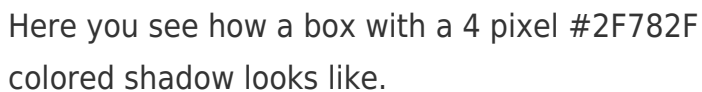
```
.border, #border, table{ border:4px solid
#2F782F }
```

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

```
.border{ border-color:#2F782F }
```

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

Here you see how a box with a 4 pixel #2F782F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F782F; -webkit-box-shadow:4px 4px  
4px 4px #2F782F; box-shadow:4px 4px 4px  
4px #2F782F }
```

Background

The CSS property to change the background color of an element to Hex 2F782F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F782F }
```

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

```
.background{ background-color:#2F782F }
```

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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