

Converting Colors

Hex(2F7F2C)

Have a look what the booklet for
Hex(2F7F2C) contains.

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Color

Hex(2F7F2C)

Conversions

Conversions Part 1

Format	Color
Hex	2F7F2C
RGB	47, 127, 44
RGB Percent	18%, 50%, 17%
CMY	0.8157, 0.5020, 0.8275
CMYK	0.63, 0.00, 0.65, 0.50
HSL	118°, 49%, 34%
HSV	118°, 65%, 50%
XYZ	9.2163, 15.9649, 4.9787
YIQ	93.6180, -21.0370, -42.7730

Conversions

Conversions Part 2

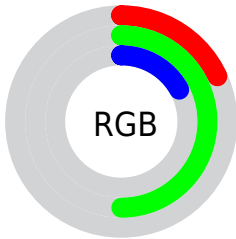
Format	Color
R_{YB}	44, 127, 124
Decimal	3112748
CIE _{Lab}	46.93, -41.54, 36.98
CIE _{LCh}	47, 55.612, 138.321
Yxy	15.9649, 0.3056, 0.5293
Android (android.graphics.Color)	4281302828 (0xFF2F7F2C)
YUV	93.6180, -24.4617, -40.8840
Hunter-Lab	39.9561, -28.7504, 20.5816




Details

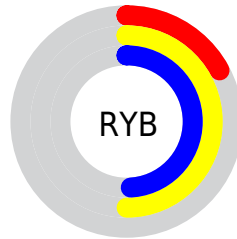
The Hex color **2F7F2C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C2C7F**, and the grayscale version is **5E5E5E**.



A 20% lighter version of the original color is **67B55D**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **237F1F**, and if you desaturate by 10%, it is **3B7F39**.

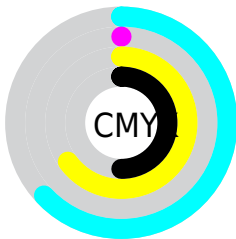
Distribution







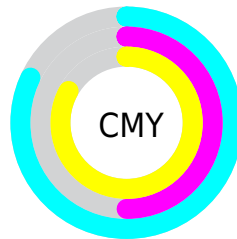
-  Red (18%)
-  Green (50%)
-  Blue (17%)






-  Red (17%)
-  Yellow (50%)
-  Blue (49%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (65%)
-  Black (50%)



-  Cyan (82%)
-  Magenta (50%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7F2C 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 2F7F2C by changing the saturation by 10% instead.

 2F7F2C

 2F7F2C

FFFFFF

 0B6513

 67B55D

 004D00

 82D077

 003500

 9EED91

 002000

 BAFFAC

 000000

 D7FFC8

 F4FFE4

 2F7F2C

 2F7F2C

 237F1F

 3B7F39

 177F13

 477F45

 0A7F06

 547F52


 057F00

 607F5F

 6C7F6C

 787F78

 857F85

 917F92

 9D7F9E

Harmonies

Analogous

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



6A7600



2F7F2C



00845B

Triad

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



2F7F2C



007ACB



C24155

Complementary

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



2F7F2C



7C2C7F

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.



BA4284



2F7F2C



476BC9

Square

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



2F7F2C



0082B4



9555AE



B4532A

Rectangle

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



2F7F2C



00857B



9555AE



C23F64

Sweetspot

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



2F7F2C



86A685



7F7B2C



415440



D4D4D4



545454

Same Dimension

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



2F7F2C



29A624



2C7F51



3A4039



058000



000000

Inverse Universe

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



7C2C7F



A124A6



7F2C5A



403940



7B0080



000000

Previews

White Background



This preview shows how the Hex color 2F7F2C looks on a white background.

Color Contrast Check

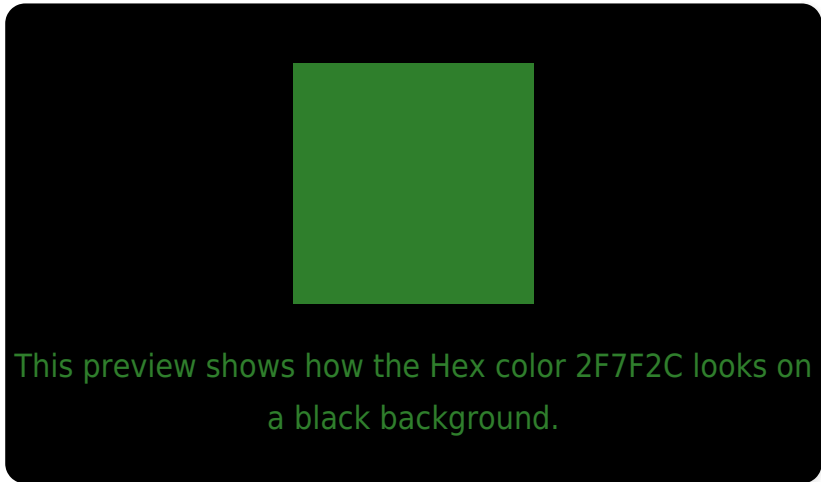
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F7F2C Background



This preview shows how black text looks on a background with the Hex color 2F7F2C.



This preview shows how white text looks on a background with the Hex color 2F7F2C.

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
2F7F2C

Protanopia
7C6F27

Deuteranopia
896933



Tritanopia
437780

Trichromacy



Original Color
2F7F2C



Protanomaly
607529



Deuteranomaly
687130



Tritanomaly
3C7A61

Monochromacy



Original Color
2F7F2C



Achromatopsia
5E5E5E



Achromatomaly
4D6A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7F2C 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 #2F7F2C looks like.

```
.text, #text, p{  
    color:#2F7F2C  
}
```

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 #2F7F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7F2C
}
```

Border

The CSS property to change the border of an element to Hex 2F7F2C 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
#2F7F2C }
```

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

```
.border{ border-color:#2F7F2C }
```

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

Here you see how a box with a 4 pixel #2F7F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7F2C; -webkit-box-shadow:4px 4px  
4px 4px #2F7F2C; box-shadow:4px 4px 4px  
4px #2F7F2C }
```

Background

The CSS property to change the background color of an element to Hex 2F7F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7F2C }
```

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

```
.background{ background-color:#2F7F2C }
```

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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