

Converting Colors

Hex(2F8B48)

Have a look what the booklet for
Hex(2F8B48) contains.

Hex(2F8B48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F8B48)

Conversions

Conversions Part 1

Format	Color
Hex	2F8B48
RGB	47, 139, 72
RGB Percent	18%, 55%, 28%
CMY	0.8157, 0.4549, 0.7176
CMYK	0.66, 0.00, 0.48, 0.45
HSL	136°, 49%, 36%
HSV	136°, 66%, 55%
XYZ	11.5746, 19.5375, 9.2920
YIQ	103.8540, -33.3250, -40.3410

Conversions

Conversions Part 2

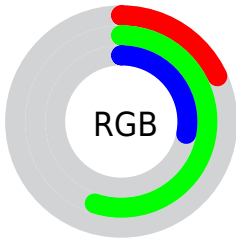
Format	Color
RYB	47, 119, 139
Decimal	3115848
CIELab	51.31, -42.30, 28.00
CIELCh	51, 50.724, 146.497
Yxy	19.5375, 0.2865, 0.4836
Android (android.graphics.Color)	4281305928 (0xFF2F8B48)
YUV	103.8540, -15.7040, -49.8610
Hunter-Lab	44.2012, -30.6097, 18.4769

Details

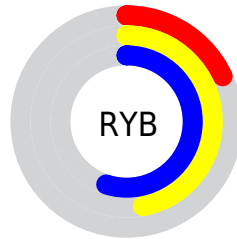
The Hex color **2F8B48** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B2F72**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68C17A**, and **00581A** is the 20% darker color. If you saturate the color by 10%, you get **218B3E**, and if you desaturate by 10%, it is **3D8B52**.

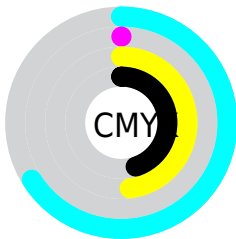
Distribution



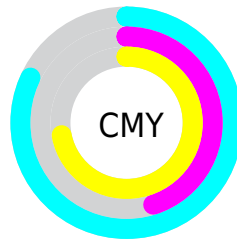
- Red (18%)
- Green (55%)
- Blue (28%)



- Red (18%)
- Yellow (47%)
- Blue (55%)



- Cyan (66%)
- Magenta (0%)
- Yellow (48%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F8B48 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 2F8B48 by changing the saturation by 10% instead.

 2F8B48

 2F8B48


FFFFFF

 077130

 68C17A

 00581A

 84DE94

 003F01

 A0FAAF

 002A00

 BCFFCA

 000900

 D9FFE7

 000000

 F6FFFF

 2F8B48

 2F8B48

 218B3E

 3D8B52

■ 138B34

■ 4B8B5C

■ 058B2A

■ 598B66

■ 008B26

■ 678B70

■ 758B7B

■ 828B85

■ 908B8F

■ 9E8B99

■ AC8BA3

Harmonies

Analogous

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



6B8326



2F8B48



008F74

Triad

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



2F8B48



0081D1



C85656

Complementary

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



2F8B48



8B2F72

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.



C55281



2F8B48



7271C8

Square

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



2F8B48



008BC2



AA5EAB



B66632

Rectangle

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



2F8B48



008F92



AA5EAB



C95364

Sweetspot

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



2F8B48



91B59B



728B2F



465C4C



DBDBDB



5C5C5C

Same Dimension

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



2F8B48



26B54D



2F8B76



3E4540



008524



000501

Inverse Universe

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



8B2F72



B5268E



8B2F44



453E43



850061



050004

Previews

White Background



This preview shows how the Hex color 2F8B48 looks on a white background.

Color Contrast Check

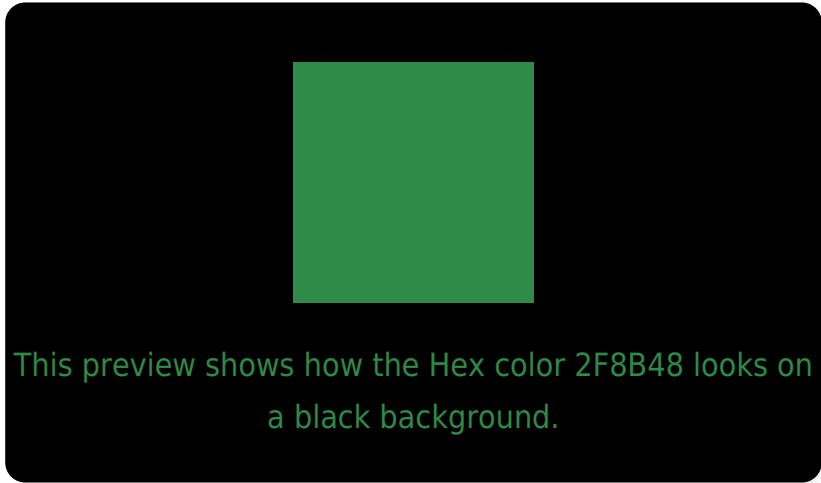
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

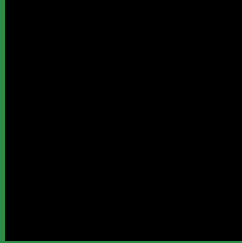
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F8B48 Background



This preview shows how black text looks on a background with the Hex color 2F8B48.



This preview shows how white text looks on a background with the Hex color 2F8B48.

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
2F8B48

Protanopia
867A42

Deuteranopia
92744E



Tritanopia
45838E

Trichromacy



Original Color
2F8B48

Protanomaly
668044

Deuteranomaly
6E7C4C

Tritanomaly
3D8675

Monochromacy



Original Color
2F8B48

Achromatopsia
686868

Achromatomaly
53755C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F8B48 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 #2F8B48 looks like.

```
.text, #text, p{  
    color:#2F8B48  
}
```

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 #2F8B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8B48
}
```

Border

The CSS property to change the border of an element to Hex 2F8B48 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
#2F8B48 }
```

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

```
.border{ border-color:#2F8B48 }
```

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

Here you see how a box with a 4 pixel #2F8B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8B48; -webkit-box-shadow:4px 4px  
4px 4px #2F8B48; box-shadow:4px 4px 4px  
4px #2F8B48 }
```

Background

The CSS property to change the background color of an element to Hex 2F8B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8B48 }
```

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

```
.background{ background-color:#2F8B48 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor