

# Converting Colors

Hex(2F8C6A)

Have a look what the booklet for  
Hex(2F8C6A) contains.

<b>Hex(2F8C6A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2F8C6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F8C6A
RGB	47, 140, 106
RGB Percent	18%, 55%, 42%
CMY	0.8157, 0.4510, 0.5843
CMYK	0.66, 0.00, 0.24, 0.45
HSL	158°, 50%, 37%
HSV	158°, 66%, 55%
XYZ	13.1519, 20.4011, 16.8803
YIQ	108.3170, -44.5140, -30.2900

# Conversions

## Conversions Part 2

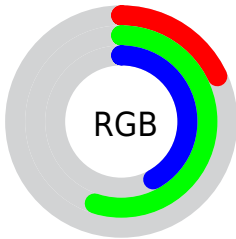
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 104, 140
Decimal	3116138
CIELab	52.29, -35.73, 10.30
CIELCh	52, 37.183, 163.924
Yxy	20.4011, 0.2608, 0.4045
Android (android.graphics.Color)	4281306218 (0xFF2F8C6A)
YUV	108.3170, -1.1423, -53.7750
Hunter-Lab	45.1676, -27.0677, 9.4591

# Details

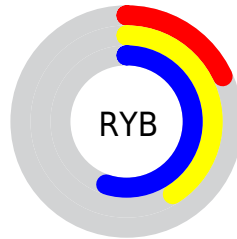
The Hex color **2F8C6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C2F51**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **68C29D**, and **00593B** is the 20% darker color. If you saturate the color by 10%, you get **218C65**, and if you desaturate by 10%, it is **3D8C6F**.

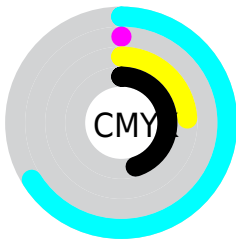
# Distribution



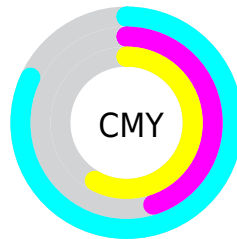
- Red (18%)
- Green (55%)
- Blue (42%)



- Red (18%)
- Yellow (41%)
- Blue (55%)



- Cyan (66%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F8C6A 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 2F8C6A by changing the saturation by 10% instead.



 2F8C6A

 2F8C6A

FFFFFF

 067252

 68C29D

 00593B

 84DEB8

 004125

 A0FBD4

 002A10

 BCFFF0

 000F00

 D9FFFF

 000000

 F6FFFF

 2F8C6A

 2F8C6A

 218C65

 3D8C6F

■ 138C60

■ 4B8C74

■ 058C5B

■ 598C79

■ 008C59

■ 678C7E

■ 758C84

■ 838C89

■ 918C8E

■ 9F8C93

■ AD8C98

# Harmonies

## Analogous

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



5E884D



2F8C6A



008D8B

# Triad

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



2F8C6A



647BBA



B36A52

# Complementary

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



2F8C6A



8C2F51

# 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.



B9636F



2F8C6A



936FAB

# Square

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



2F8C6A



1185B9



AF658F



9F753F

# Rectangle

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



2F8C6A



008C9F



AF658F



B7675B



# Sweetspot

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



2F8C6A



91B5A8



518C2F



465C54



DBDBDB



5C5C5C



# Same Dimension

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



2F8C6A



24B580



2F808C



3E4542



008554



000503



# Inverse Universe

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



8C2F51



B52459



8C3B2F



453E40



850030



050002



# Previews

## White Background



This preview shows how the Hex color 2F8C6A looks on a white background.

## Color Contrast Check

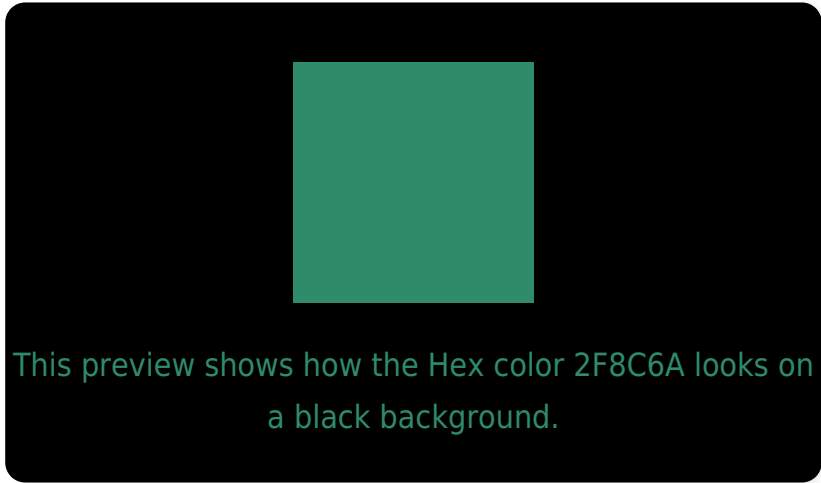
Large Text (above 18pt) WCAG AA ✓ Pass

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

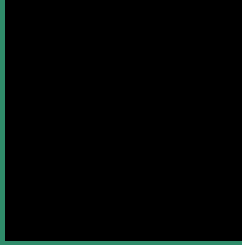
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2F8C6A Background



This preview shows how black text looks on a background with the Hex color 2F8C6A.



This preview shows how white text looks on a background with the Hex color 2F8C6A.

# 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





**Tritanopia**  
3F8792

# Trichromacy



**Original Color**  
2F8C6A

**Protanomaly**  
658265

**Deuteranomaly**  
6B7F6D

**Tritanomaly**  
398983

# Monochromacy



**Original Color**  
2F8C6A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
56786B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F8C6A 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 #2F8C6A looks like.

```
.text, #text, p{  
    color:#2F8C6A  
}
```

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 #2F8C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8C6A
}
```

## Border

The CSS property to change the border of an element to Hex 2F8C6A 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
#2F8C6A }
```

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

```
.border{ border-color:#2F8C6A }
```

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

Here you see how a box with a 4 pixel #2F8C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8C6A; -webkit-box-shadow:4px 4px  
4px 4px #2F8C6A; box-shadow:4px 4px 4px  
4px #2F8C6A }
```

# Background

The CSS property to change the background color of an element to Hex 2F8C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8C6A }
```

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

```
.background{ background-color:#2F8C6A }
```

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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