

Converting Colors

Hex(2F9B6F)

Have a look what the booklet for
Hex(2F9B6F) contains.

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Color

Hex(2F9B6F)

Conversions

Conversions Part 1

Format	Color
Hex	2F9B6F
RGB	47, 155, 111
RGB Percent	18%, 61%, 44%
CMY	0.8157, 0.3922, 0.5647
CMYK	0.70, 0.00, 0.28, 0.39
HSL	156°, 53%, 40%
HSV	156°, 70%, 61%
XYZ	15.7629, 25.1947, 19.0712
YIQ	117.6920, -50.2440, -36.5800

Conversions

Conversions Part 2

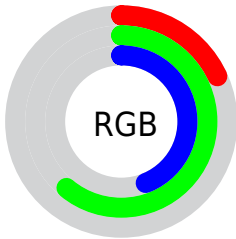
Format	Color
RYB	47, 115, 155
Decimal	3119983
CIELab	57.26, -41.09, 14.42
CIELCh	57, 43.545, 160.666
Yxy	25.1947, 0.2626, 0.4197
Android (android.graphics.Color)	4281310063 (0xFF2F9B6F)
YUV	117.6920, -3.2992, -61.9969
Hunter-Lab	50.1943, -31.7845, 12.6090

Details

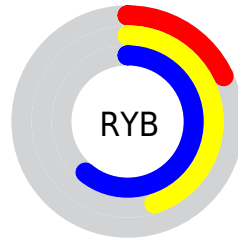
The Hex color **2F9B6F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B2F5B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BD2A3**, and **00673F** is the 20% darker color. If you saturate the color by 10%, you get **209B69**, and if you desaturate by 10%, it is **3F9B75**.

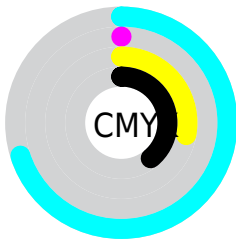
Distribution



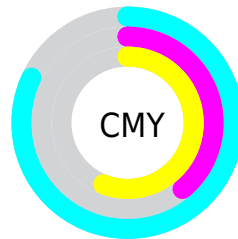
- Red (18%)
- Green (61%)
- Blue (44%)



- Red (18%)
- Yellow (45%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (28%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9B6F 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 2F9B6F by changing the saturation by 10% instead.



2F9B6F



2F9B6F

FFFFFF



008057



6BD2A3



00673F



87EFBE



004E29



A4FFDA



003614



C1FFF6



002100



DEFFF



000000



FCFFF



2F9B6F



2F9B6F



209B69



3F9B75

■ 109B62

■ 4E9B7C

■ 019B5C

■ 5E9B82

■ 009B5C

■ 6D9B88

■ 7C9B8F

■ 8C9B95

■ 9B9B9B

■ AB9BA2

■ BB9BA8

Harmonies

Analogous

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



69954E



2F9B6F



009D96

Triad

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



2F9B6F



6289D4



CB715A

Complementary

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



2F9B6F



9B2F5B

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.



D1697D



2F9B6F



9E7AC3

Square

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



2F9B6F



0094D1



C36DA4



B47F41

Rectangle

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



2F9B6F



009CAF



C36DA4



CF6D65

Sweetspot

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



2F9B6F



9FC9B8



5C9B2F



4D665C



E6E6E6



666666

Same Dimension

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



2F9B6F



20C985



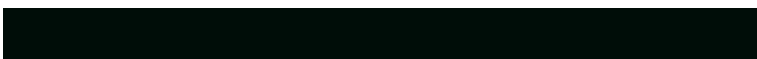
2F929B



454D49



008C53



000D08

Inverse Universe

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



9B2F5B



C92065



9B382F



4D4548



8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 2F9B6F looks on a white background.

Color Contrast Check

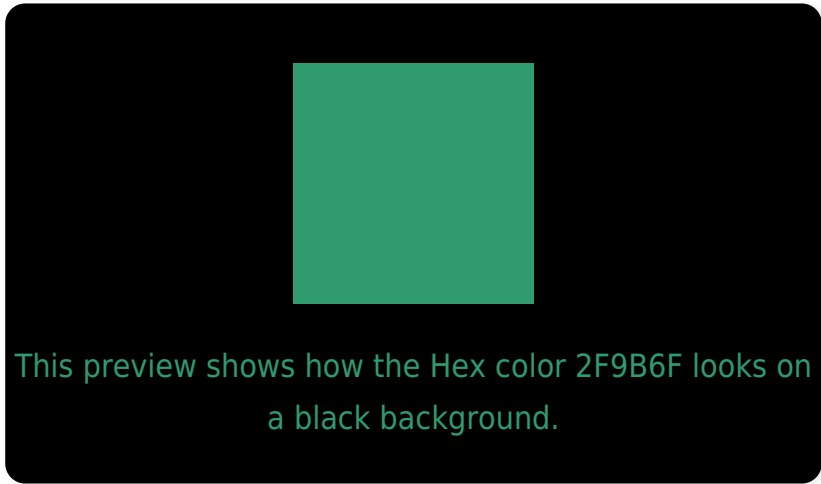
Large Text (above 18pt) WCAG AA ✓ Pass

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

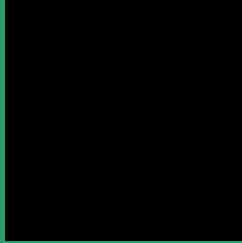
Any Text WCAG AA ✓ Pass

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 2F9B6F Background



This preview shows how black text looks on a background with the Hex color 2F9B6F.

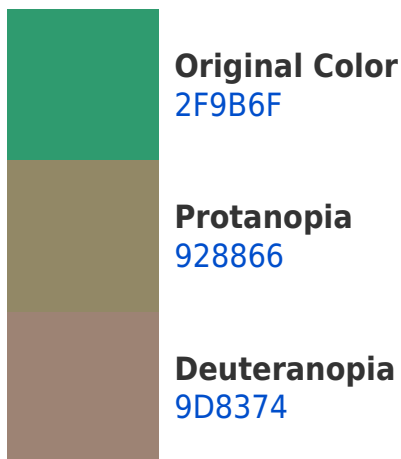


This preview shows how white text looks on a background with the Hex color 2F9B6F.

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
4495A1

Trichromacy



Original Color
2F9B6F



Protanomaly
6E8F69



Deuteranomaly
758C72



Tritanomaly
3C978F

Monochromacy



Original Color
2F9B6F



Achromatopsia
767676



Achromatomaly
5C8373

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9B6F 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 #2F9B6F looks like.

```
.text, #text, p{  
    color:#2F9B6F  
}
```

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 #2F9B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9B6F
}
```

Border

The CSS property to change the border of an element to Hex 2F9B6F 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
#2F9B6F }
```

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

```
.border{ border-color:#2F9B6F }
```

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

Here you see how a box with a 4 pixel #2F9B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9B6F; -webkit-box-shadow:4px 4px  
4px 4px #2F9B6F; box-shadow:4px 4px 4px  
4px #2F9B6F }
```

Background

The CSS property to change the background color of an element to Hex 2F9B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9B6F }
```

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

```
.background{ background-color:#2F9B6F }
```

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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