

Converting Colors

Hex(2F9C68)

Have a look what the booklet for
Hex(2F9C68) contains.

Hex(2F9C68)	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(2F9C68)

Conversions

Conversions Part 1

Format	Color
Hex	2F9C68
RGB	47, 156, 104
RGB Percent	18%, 61%, 41%
CMY	0.8157, 0.3882, 0.5922
CMYK	0.70, 0.00, 0.33, 0.39
HSL	151°, 54%, 40%
HSV	151°, 70%, 61%
XYZ	15.5594, 25.3807, 17.1756
YIQ	117.4810, -48.2720, -39.2800

Conversions

Conversions Part 2

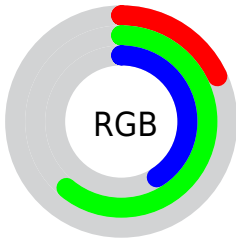
Format	Color
RYB	47, 119, 156
Decimal	3120232
CIELab	57.44, -43.05, 18.56
CIElCh	57, 46.884, 156.673
Yxy	25.3807, 0.2677, 0.4367
Android (android.graphics.Color)	4281310312 (0xFF2F9C68)
YUV	117.4810, -6.6461, -61.8118
Hunter-Lab	50.3793, -33.0348, 15.0520

Details

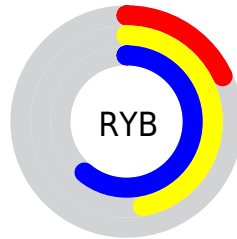
The Hex color **2F9C68** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C2F63**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BD39B**, and **006838** is the 20% darker color. If you saturate the color by 10%, you get **1F9C61**, and if you desaturate by 10%, it is **3F9C6F**.

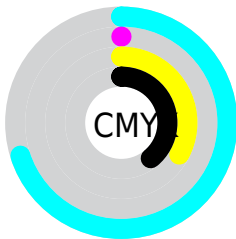
Distribution



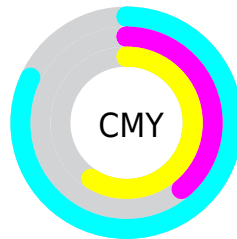
- Red (18%)
- Green (61%)
- Blue (41%)



- Red (18%)
- Yellow (47%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9C68 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 2F9C68 by changing the saturation by 10% instead.



2F9C68



2F9C68

FFFFFF



008150



6BD39B



006838



87F0B6



004F22



A4FFD2



00370D



C1FFEE



002100



DEFFF



000000



FCFFF



2F9C68



2F9C68



1F9C61



3F9C6F

■ 109C59

■ 4E9C77

■ 009C52

■ 5E9C7E

■ 6D9C86

■ 7D9C8D

■ 8D9C95

■ 9C9C9C

■ AC9CA4

■ BB9CAB

Harmonies

Analogous

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



6D9645



2F9C68



009E92

Triad

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



2F9C68



508BDB



D16D5B

Complementary

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



2F9C68



9C2F63

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.



D66682



2F9C68



997BCC

Square

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



2F9C68



0097D5



C36CAB



BB7C3E

Rectangle

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



2F9C68



009EAD



C36CAB



D56A68

Sweetspot

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



2F9C68



A1CCB8



649C2F



4D665A



E6E6E6



666666

Same Dimension

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



2F9C68



21CC7A



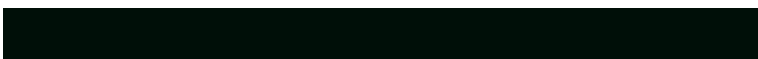
2F9A9C



474F4B



008F4B



000F08

Inverse Universe

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



9C2F63



CC2172



9C312F



4F474B



8F0044



0F0007

Previews

White Background



This preview shows how the Hex color 2F9C68 looks on a white background.

Color Contrast Check

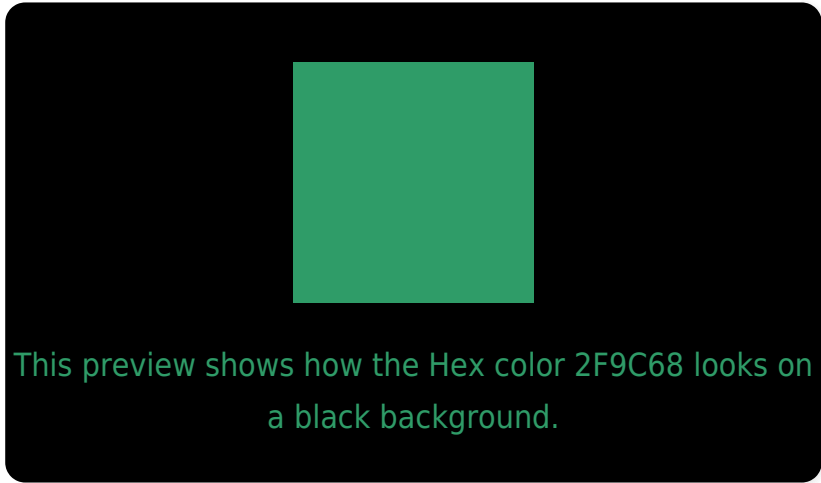
Large Text (above 18pt) WCAG AA ✓ Pass

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

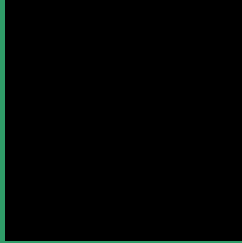
Any Text WCAG AA ✓ Pass

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 2F9C68 Background



This preview shows how black text looks on a background with the Hex color 2F9C68.



This preview shows how white text looks on a background with the Hex color 2F9C68.

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
4595A1

Trichromacy



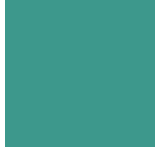
Original Color
2F9C68



Protanomaly
6F9063



Deuteranomaly
778D6B



Tritanomaly
3D988C

Monochromacy



Original Color
2F9C68



Achromatopsia
757575



Achromatomaly
5C8370

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9C68 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 #2F9C68 looks like.

```
.text, #text, p{  
    color:#2F9C68  
}
```

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 #2F9C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9C68
}
```

Border

The CSS property to change the border of an element to Hex 2F9C68 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
#2F9C68 }
```

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

```
.border{ border-color:#2F9C68 }
```

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

Here you see how a box with a 4 pixel #2F9C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9C68; -webkit-box-shadow:4px 4px  
4px 4px #2F9C68; box-shadow:4px 4px 4px  
4px #2F9C68 }
```

Background

The CSS property to change the background color of an element to Hex 2F9C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9C68 }
```

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

```
.background{ background-color:#2F9C68 }
```

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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