

Converting Colors

Hex(2F9D84)

Have a look what the booklet for
Hex(2F9D84) contains.

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Color

Hex(2F9D84)

Conversions

Conversions Part 1

Format	Color
Hex	2F9D84
RGB	47, 157, 132
RGB Percent	18%, 62%, 52%
CMY	0.8157, 0.3843, 0.4824
CMYK	0.70, 0.00, 0.16, 0.38
HSL	166°, 54%, 40%
HSV	166°, 70%, 62%
XYZ	17.3941, 26.3842, 26.0057
YIQ	121.2600, -57.5350, -31.0950

Conversions

Conversions Part 2

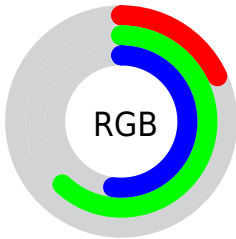
Format	Color
RYB	47, 109, 157
Decimal	3120516
CIELab	58.40, -36.82, 4.19
CIElCh	58, 37.053, 173.512
Yxy	26.3842, 0.2493, 0.3781
Android (android.graphics.Color)	4281310596 (0xFF2F9D84)
YUV	121.2600, 5.2948, -65.1260
Hunter-Lab	51.3656, -29.4436, 5.9382

Details

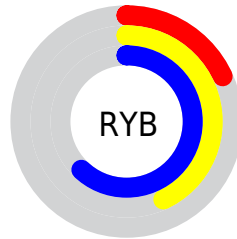
The Hex color **2F9D84** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D2F48**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6CD4B9**, and **006953** is the 20% darker color. If you saturate the color by 10%, you get **1F9D80**, and if you desaturate by 10%, it is **3F9D88**.

Distribution



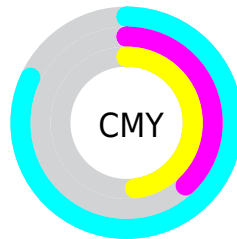
- Red (18%)
- Green (62%)
- Blue (52%)



- Red (18%)
- Yellow (43%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9D84 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 2F9D84 by changing the saturation by 10% instead.



2F9D84



2F9D84

FFFFFF



00826B



6CD4B9



006953



89F1D5



00503C



A5FFF1



003826



C2FFFF



002411



E0FFFF



000000

FEFFFF



2F9D84



2F9D84



1F9D80



3F9D88

■ 109D7D

■ 4E9D8B

■ 009D79

■ 5E9D8F

■ 6E9D92

■ 7E9D96

■ 8D9D99

■ 9D9D9D

■ AD9DA1

■ BC9DA4

Harmonies

Analogous

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



619965



2F9D84



009DA5

Triad

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



2F9D84



8587C8



BF7D59

Complementary

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



2F9D84



9D2F48

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.



CB7474



2F9D84



AE7BB3

Square

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



2F9D84



4B92CC



C67395



A7884B

Rectangle

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



2F9D84



009BB8



C67395



C57961

Sweetspot

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



2F9D84



A1CCC2



499D2F



4D6660



E6E6E6



666666

Same Dimension

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



2F9D84



21CCA5



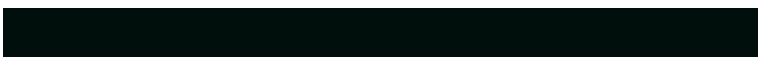
2F809D



474F4D



008F6E



000F0C

Inverse Universe

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



9D2F48



CC2148



9D4C2F



4F4749



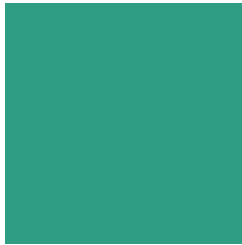
8F0020



0F0003

Previews

White Background



This preview shows how the Hex color 2F9D84 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



This preview shows how the Hex color 2F9D84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

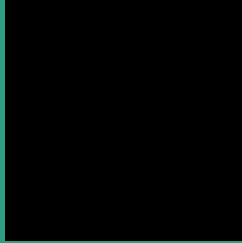
Any Text WCAG AA ✓ Pass

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 2F9D84 Background



This preview shows how black text looks on a background with the Hex color 2F9D84.

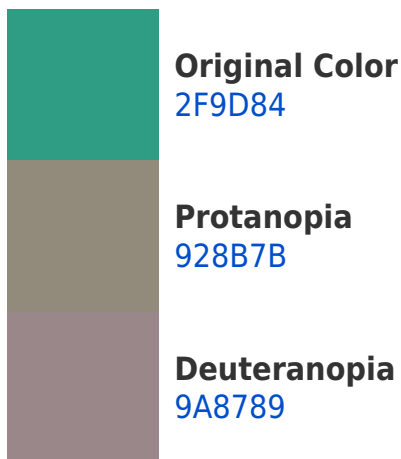


This preview shows how white text looks on a background with the Hex color 2F9D84.

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
3F98A5

Trichromacy



Original Color
2F9D84



Protanomaly
6E927E



Deuteranomaly
738F87



Tritanomaly
399A99

Monochromacy



Original Color
2F9D84



Achromatopsia
797979



Achromatomaly
5E867D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9D84 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 #2F9D84 looks like.

```
.text, #text, p{  
    color:#2F9D84  
}
```

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 #2F9D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9D84
}
```

Border

The CSS property to change the border of an element to Hex 2F9D84 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
#2F9D84 }
```

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

```
.border{ border-color:#2F9D84 }
```

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

Here you see how a box with a 4 pixel #2F9D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9D84; -webkit-box-shadow:4px 4px  
4px 4px #2F9D84; box-shadow:4px 4px 4px  
4px #2F9D84 }
```

Background

The CSS property to change the background color of an element to Hex 2F9D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9D84 }
```

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

```
.background{ background-color:#2F9D84 }
```

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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