

Converting Colors

Hex(2F9781)

Have a look what the booklet for
Hex(2F9781) contains.

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Color

Hex(2F9781)

Conversions

Conversions Part 1

Format	Color
Hex	2F9781
RGB	47, 151, 129
RGB Percent	18%, 59%, 51%
CMY	0.8157, 0.4078, 0.4941
CMYK	0.69, 0.00, 0.15, 0.41
HSL	167°, 53%, 39%
HSV	167°, 69%, 59%
XYZ	16.2013, 24.3225, 24.6097
YIQ	117.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

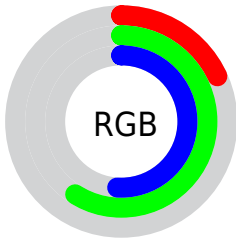
Format	Color
R_{YB}	47, 105, 151
Decimal	3118977
CIE Lab	56.41, -34.88, 3.02
CIE LCh	56, 35.009, 175.058
Yxy	24.3225, 0.2487, 0.3734
Android (android.graphics.Color)	4281309057 (0xFF2F9781)
YUV	117.3960, 5.7208, -61.7373
Hunter-Lab	49.3179, -27.6675, 4.9367

Details

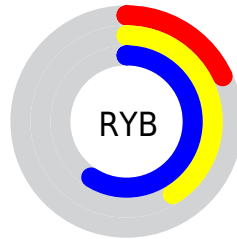
The Hex color **2F9781** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **972F45**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6BCEB6**, and **006350** is the 20% darker color. If you saturate the color by 10%, you get **20977E**, and if you desaturate by 10%, it is **3E9784**.

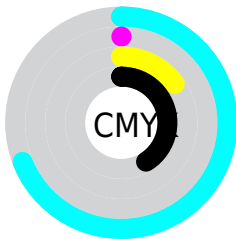
Distribution



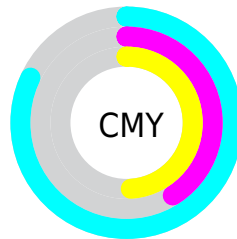
- Red (18%)
- Green (59%)
- Blue (51%)



- Red (18%)
- Yellow (41%)
- Blue (59%)



- Cyan (69%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9781 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 2F9781 by changing the saturation by 10% instead.

 2F9781

 2F9781

FFFFFF

 007D68

 6BCEB6

 006350

 87EAD1

 004B39

 A4FFEE

 003324

 C1FFFF

 001F0E

 DEFFFF

 000000

 FCFFFF

 2F9781

 2F9781

 20977E

 3E9784

■ 11977B

■ 4D9787

■ 029777

■ 5C978B

■ 009777

■ 6B978E

■ 7A9791

■ 8A9794

■ 999797

■ A8979B

■ B7979E

Harmonies

Analogous

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



5D9463



2F9781



0097A0

Triad

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



2F9781



8381BE



B67956

Complementary

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



2F9781



972F45

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.



C2716F



2F9781



A976AB

Square

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



2F9781



4F8CC4



BE6F8E



9F844A

Rectangle

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



2F9781



0095B1



BE6F8E



BB765E

Sweetspot

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



2F9781



9BC4BC



46972F



4B635E



E3E3E3



636363

Same Dimension

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



2F9781



21C4A2



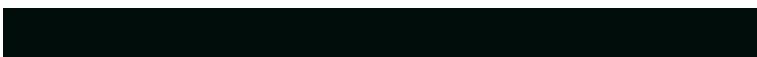
2F7A97



454D4B



008C6F



000D0A

Inverse Universe

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



972F45



C42144



974C2F



4D4546



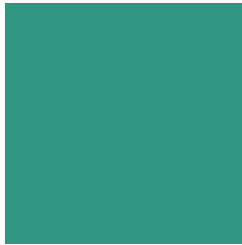
8C001E



0D0003

Previews

White Background



This preview shows how the Hex color 2F9781 looks on a white background.

Color Contrast Check

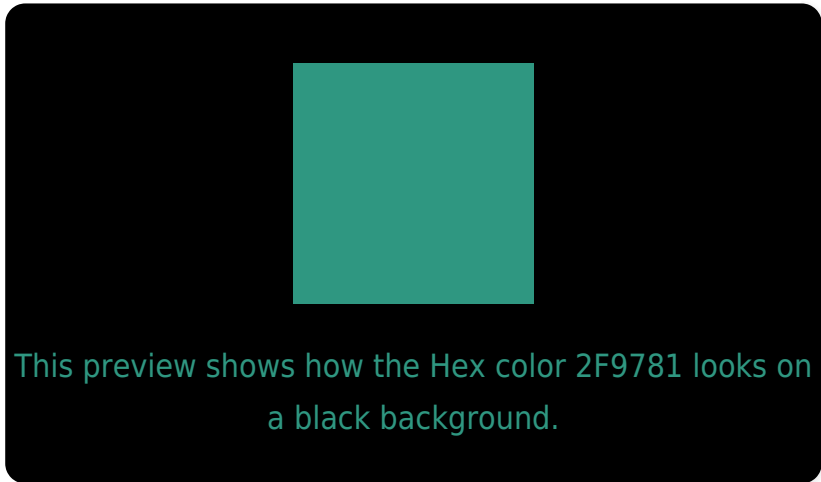
Large Text (above 18pt) WCAG AA ✓ Pass

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

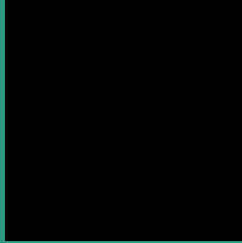
Any Text WCAG AA ✓ Pass

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 2F9781 Background



This preview shows how black text looks on a background with the Hex color 2F9781.

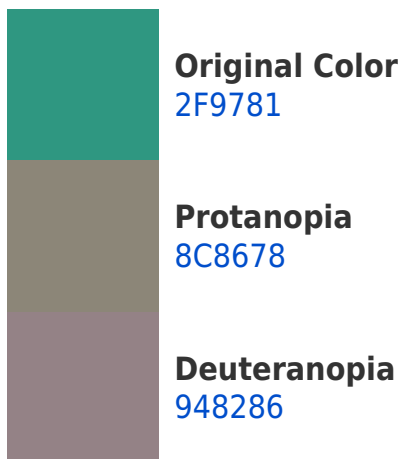


This preview shows how white text looks on a background with the Hex color 2F9781.

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
3D939F

Trichromacy



Original Color
2F9781



Protanomaly
6A8C7B



Deuteranomaly
6F8A84



Tritanomaly
389494

Monochromacy



Original Color
2F9781



Achromatopsia
757575



Achromatomaly
5C8179

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9781 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 #2F9781 looks like.

```
.text, #text, p{  
    color:#2F9781  
}
```

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 #2F9781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9781
}
```

Border

The CSS property to change the border of an element to Hex 2F9781 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
#2F9781 }
```

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

```
.border{ border-color:#2F9781 }
```

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

Here you see how a box with a 4 pixel #2F9781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9781; -webkit-box-shadow:4px 4px  
4px 4px #2F9781; box-shadow:4px 4px 4px  
4px #2F9781 }
```

Background

The CSS property to change the background color of an element to Hex 2F9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9781 }
```

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

```
.background{ background-color:#2F9781 }
```

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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