

Converting Colors

Hex(2F9B94)

Have a look what the booklet for
Hex(2F9B94) contains.

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Color

Hex(2F9B94)

Conversions

Conversions Part 1

Format	Color
Hex	2F9B94
RGB	47, 155, 148
RGB Percent	18%, 61%, 58%
CMY	0.8157, 0.3922, 0.4196
CMYK	0.70, 0.00, 0.05, 0.39
HSL	176°, 53%, 40%
HSV	176°, 70%, 61%
XYZ	18.2389, 26.1851, 32.1099
YIQ	121.9100, -62.1210, -25.0730

Conversions

Conversions Part 2

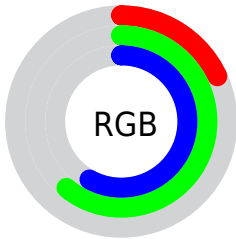
Format	Color
RYB	47, 103, 155
Decimal	3120020
CIELab	58.21, -31.48, -5.17
CIELCh	58, 31.906, 189.328
Yxy	26.1851, 0.2383, 0.3421
Android (android.graphics.Color)	4281310100 (0xFF2F9B94)
YUV	121.9100, 12.8624, -65.6961
Hunter-Lab	51.1714, -25.9276, -1.3843

Details

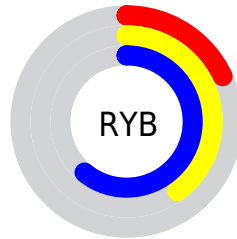
The Hex color **2F9B94** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B2F36**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6DD2CA**, and **006761** is the 20% darker color. If you saturate the color by 10%, you get **209B93**, and if you desaturate by 10%, it is **3F9B95**.

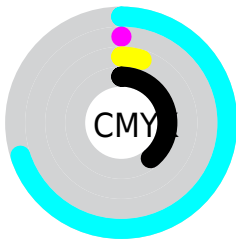
Distribution



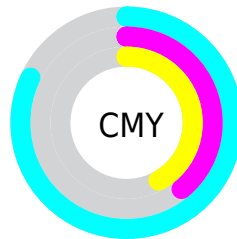
- Red (18%)
- Green (61%)
- Blue (58%)



- Red (18%)
- Yellow (40%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9B94 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 2F9B94 by changing the saturation by 10% instead.

 2F9B94

 2F9B94

FFFFFF

 00817A


 6DD2CA

 006761

 8AEEE6

 004F4A

 A6FFFF

 003733

 C4FFFF

 00231E

 E1FFFF

 000005

 000000

 2F9B94

 2F9B94

 209B93

 3F9B95

■ 109B92

■ 4E9B96

■ 019B91

■ 5E9B97

■ 009B91

■ 6D9B98

■ 7C9B99

■ 8C9B9A

■ 9B9B9B

■ AB9B9C

■ BB9B9D

Harmonies

Analogous

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



559977



2F9B94



1A99AE

Triad

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



2F9B94



9B82B7



AF8458

Complementary

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



2F9B94



9B2F36

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.



BF7B6A



2F9B94



B679A0

Square

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



2F9B94



728CC3



C27684



968D54

Rectangle

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



2F9B94



3296BB



C27684



B5805D

Sweetspot

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



2F9B94



9FC9C7



369B2F



4D6664



E6E6E6



666666

Same Dimension

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



2F9B94



20C9BE



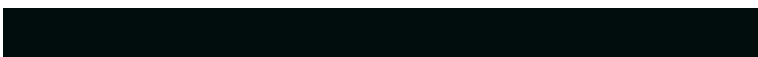
2F6C9B



454D4C



008C83



000D0C

Inverse Universe

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



9B2F36



C9202B



9B5E2F



4D4545



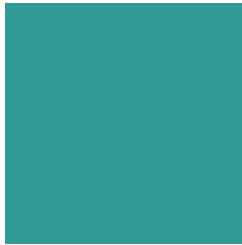
8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 2F9B94 looks on a white background.

Color Contrast Check

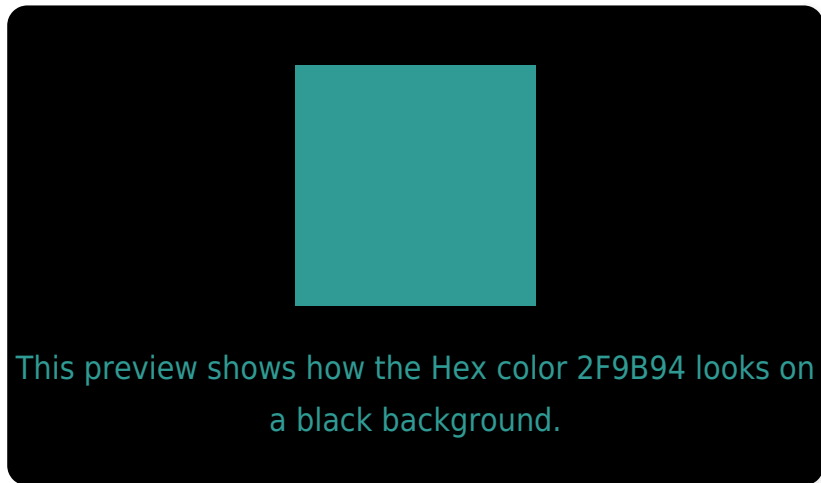
Large Text (above 18pt) WCAG AA ✓ Pass

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

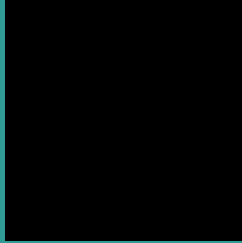
Any Text WCAG AA ✓ Pass

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 2F9B94 Background



This preview shows how black text looks on a background with the Hex color 2F9B94.

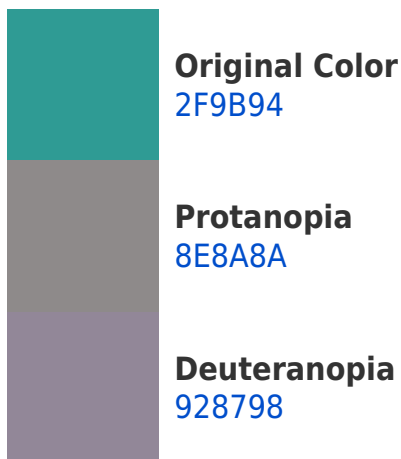


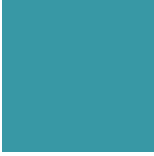
This preview shows how white text looks on a background with the Hex color 2F9B94.

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



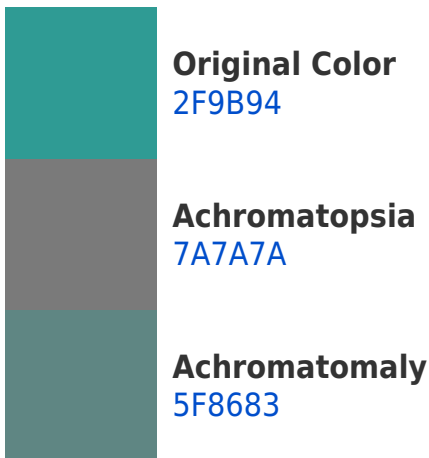


Tritanopia
3898A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9B94 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 #2F9B94 looks like.

```
.text, #text, p{  
    color:#2F9B94  
}
```

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 #2F9B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9B94
}
```

Border

The CSS property to change the border of an element to Hex 2F9B94 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
#2F9B94 }
```

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

```
.border{ border-color:#2F9B94 }
```

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

Here you see how a box with a 4 pixel #2F9B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9B94; -webkit-box-shadow:4px 4px  
4px 4px #2F9B94; box-shadow:4px 4px 4px  
4px #2F9B94 }
```

Background

The CSS property to change the background color of an element to Hex 2F9B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9B94 }
```

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

```
.background{ background-color:#2F9B94 }
```

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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