

Converting Colors

Hex(2B9D94)

Have a look what the booklet for
Hex(2B9D94) contains.

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Color

Hex(2B9D94)

Conversions

Conversions Part 1

Format	Color
Hex	2B9D94
RGB	43, 157, 148
RGB Percent	17%, 62%, 58%
CMY	0.8314, 0.3843, 0.4196
CMYK	0.73, 0.00, 0.06, 0.38
HSL	175°, 57%, 39%
HSV	175°, 73%, 62%
XYZ	18.3985, 26.7657, 32.2136
YIQ	121.8880, -65.0550, -26.9670

Conversions

Conversions Part 2

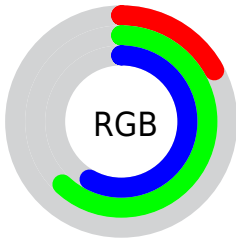
Format	Color
R_{YB}	43, 102, 157
Decimal	2858388
CIE _{Lab}	58.76, -32.99, -4.38
CIE _{LCh}	59, 33.281, 187.556
Yxy	26.7657, 0.2378, 0.3459
Android (android.graphics.Color)	4281048468 (0xFF2B9D94)
YUV	121.8880, 12.8732, -69.1848
Hunter-Lab	51.7355, -27.0578, -0.7025

Details

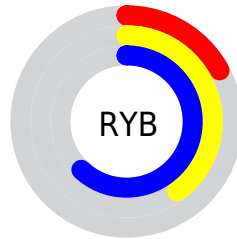
The Hex color **2B9D94** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D2B34**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6BD4CA**, and **006961** is the 20% darker color. If you saturate the color by 10%, you get **1B9D93**, and if you desaturate by 10%, it is **3B9D95**.

Distribution



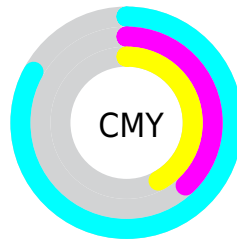
- Red (17%)
- Green (62%)
- Blue (58%)



- Red (17%)
- Yellow (40%)
- Blue (62%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (83%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B9D94 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 2B9D94 by changing the saturation by 10% instead.

 2B9D94

 2B9D94

FFFFFF

 00837A

 6BD4CA

 006961

 88F1E6

 00504A

 A5FFFF

 003833

 C2FFFF

 00241E

 E0FFFF

 000005

FEFFFF

 000000

 2B9D94

 2B9D94

 1B9D93

 3B9D95

0C9D92

4A9D96

009D91

5A9D98

6A9D99

7A9D9A

899D9B

999D9D

A99D9E

B89D9F

Harmonies

Analogous

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



569B76



2B9D94



049BB0

Triad

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



2B9D94



9A83BC



B38458

Complementary

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



2B9D94



9D2B34

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.



C37B6B



2B9D94



B87AA4

Square

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



2B9D94



6F8EC7



C67687



998E53

Rectangle

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



2B9D94



2898BE



C67687



BA815D

Sweetspot

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



2B9D94



9FCCC8



359D2B



4B6664



E6E6E6



666666

Same Dimension

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



2B9D94



1BCCBE



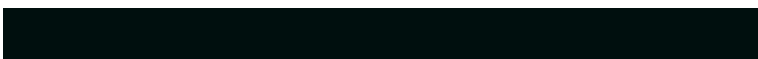
2B6E9D



474F4E



008F84



000F0E

Inverse Universe

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



9D2B34



CC1B29



9D5B2B



4F4748



8F000B



0F0001

Previews

White Background



This preview shows how the Hex color 2B9D94 looks on a white background.

Color Contrast Check

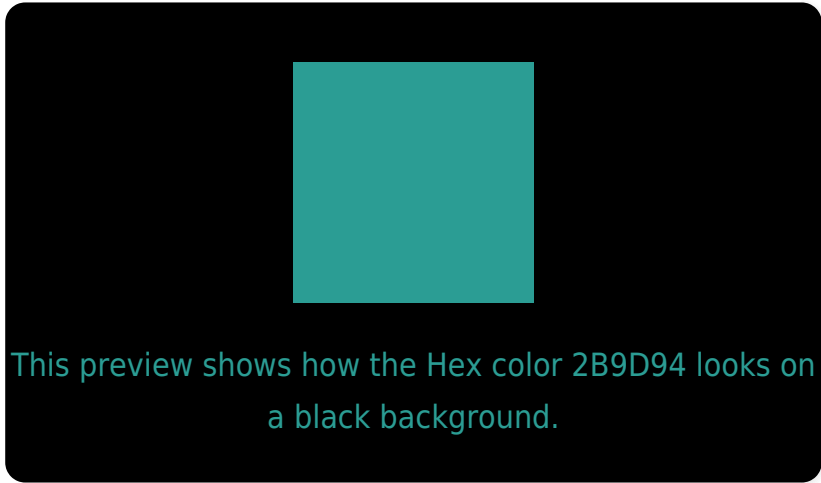
Large Text (above 18pt) WCAG AA ✓ Pass

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

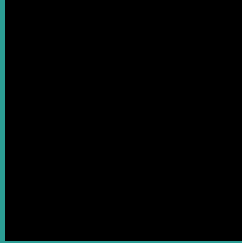
Any Text WCAG AA ✓ Pass

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 2B9D94 Background



This preview shows how black text looks on a background with the Hex color 2B9D94.

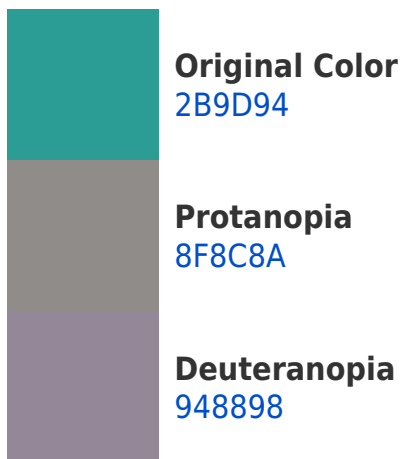


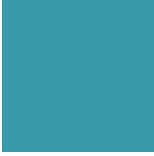
This preview shows how white text looks on a background with the Hex color 2B9D94.

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
369AA7

Trichromacy



Original Color
2B9D94



Protanomaly
6B928E



Deuteranomaly
6E9097



Tritanomaly
329BA0

Monochromacy



Original Color
2B9D94



Achromatopsia
7A7A7A



Achromatomaly
5D8783

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B9D94 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 #2B9D94 looks like.

```
.text, #text, p{  
    color:#2B9D94  
}
```

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 #2B9D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9D94
}
```

Border

The CSS property to change the border of an element to Hex 2B9D94 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
#2B9D94 }
```

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

```
.border{ border-color:#2B9D94 }
```

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

Here you see how a box with a 4 pixel #2B9D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9D94; -webkit-box-shadow:4px 4px  
4px 4px #2B9D94; box-shadow:4px 4px 4px  
4px #2B9D94 }
```

Background

The CSS property to change the background color of an element to Hex 2B9D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9D94 }
```

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

```
.background{ background-color:#2B9D94 }
```

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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