

Converting Colors

Hex(2B9F9B)

Have a look what the booklet for
Hex(2B9F9B) contains.

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Color

Hex(2B9F9B)

Conversions

Conversions Part 1

Format	Color
Hex	2B9F9B
RGB	43, 159, 155
RGB Percent	17%, 62%, 61%
CMY	0.8314, 0.3765, 0.3922
CMYK	0.73, 0.00, 0.03, 0.38
HSL	178°, 57%, 40%
HSV	178°, 73%, 62%
XYZ	19.3108, 27.6764, 35.3346
YIQ	123.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

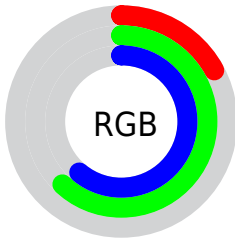
Format	Color
R_{YB}	43, 102, 159
Decimal	2858907
CIE _{Lab}	59.60, -31.90, -7.10
CIE _{LCh}	60, 32.684, 192.551
Yxy	27.6764, 0.2346, 0.3362
Android (android.graphics.Color)	4281048987 (0xFF2B9F9B)
YUV	123.8600, 15.3520, -70.9142
Hunter-Lab	52.6084, -26.5433, -2.9965

Details

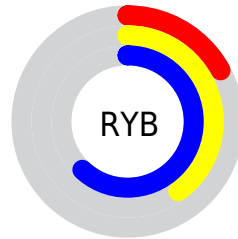
The Hex color **2B9F9B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F2B2F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6BD6D1**, and **006B68** is the 20% darker color. If you saturate the color by 10%, you get **1B9F9A**, and if you desaturate by 10%, it is **3B9F9C**.

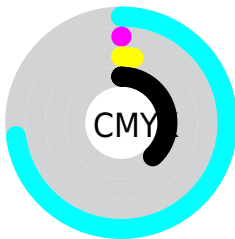
Distribution



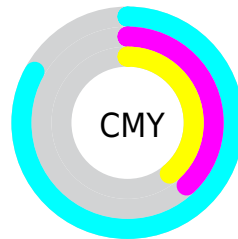
- Red (17%)
- Green (62%)
- Blue (61%)



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



- Cyan (73%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (83%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B9F9B 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 2B9F9B by changing the saturation by 10% instead.



2B9F9B



2B9F9B

FFFFFF



008581



6BD6D1



006B68



89F3EE



005250



A6FFFF



003A39



C3FFFF



002524



E1FFFF



00010F



000000



2B9F9B



2B9F9B



1B9F9A



3B9F9C

0B9F9A

4B9F9C

009F9A

5B9F9D

6B9F9D

7B9F9E

8A9F9E

9A9F9F

AA9F9F

BA9FA0

Harmonies

Analogous

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



539E7D



2B9F9B



1B9DB5

Triad

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



2B9F9B



A284BA



B18859

Complementary

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



2B9F9B



9F2B2F

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.



C37F6A



2B9F9B



BD7BA1

Square

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



2B9F9B



7A8EC7



C87984



979257

Rectangle

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



2B9F9B



389AC2



C87984



B8855D

Sweetspot

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



2B9F9B



A1CFCD



319F2B



4D6968



E8E8E8



696969

Same Dimension

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



2B9F9B



19CFC8



2B6B9F



474F4F



008F8A



000F0F

Inverse Universe

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



9F2B2F



CF191F



9F5F2B



4F4747



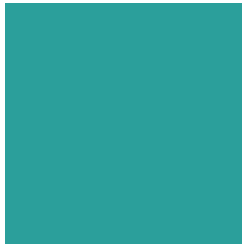
8F0005



0F0001

Previews

White Background



This preview shows how the Hex color 2B9F9B 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 2B9F9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

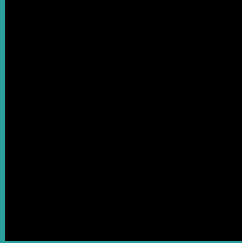
Any Text WCAG AA ✓ Pass

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 2B9F9B Background



This preview shows how black text looks on a background with the Hex color 2B9F9B.

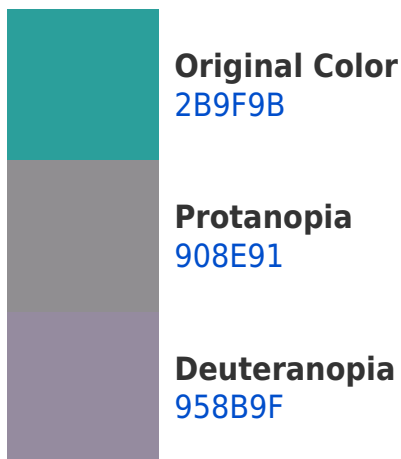


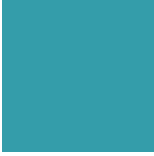
This preview shows how white text looks on a background with the Hex color 2B9F9B.

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
349DAA

Trichromacy



Original Color
2B9F9B



Protanomaly
6B9495



Deuteranomaly
6E929E



Tritanomaly
319EA5

Monochromacy



Original Color
2B9F9B



Achromatopsia
7C7C7C



Achromatomaly
5F8987

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B9F9B 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 #2B9F9B looks like.

```
.text, #text, p{  
    color:#2B9F9B  
}
```

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 #2B9F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9F9B
}
```

Border

The CSS property to change the border of an element to Hex 2B9F9B 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
#2B9F9B }
```

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

```
.border{ border-color:#2B9F9B }
```

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

Here you see how a box with a 4 pixel #2B9F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9F9B; -webkit-box-shadow:4px 4px  
4px 4px #2B9F9B; box-shadow:4px 4px 4px  
4px #2B9F9B }
```

Background

The CSS property to change the background color of an element to Hex 2B9F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9F9B }
```

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

```
.background{ background-color:#2B9F9B }
```

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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