

Converting Colors

Hex(2A9B95)

Have a look what the booklet for
Hex(2A9B95) contains.

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Color

Hex(2A9B95)

Conversions

Conversions Part 1

Format	Color
Hex	2A9B95
RGB	42, 155, 149
RGB Percent	16%, 61%, 58%
CMY	0.8353, 0.3922, 0.4157
CMYK	0.73, 0.00, 0.04, 0.39
HSL	177°, 57%, 39%
HSV	177°, 73%, 61%
XYZ	18.1010, 26.1049, 32.5185
YIQ	120.5290, -65.4220, -25.8220

Conversions

Conversions Part 2

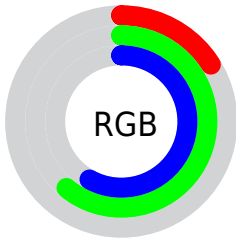
Format	Color
RYB	42, 100, 155
Decimal	2792341
CIELab	58.14, -31.89, -5.86
CIElCh	58, 32.421, 190.422
Yxy	26.1049, 0.2359, 0.3402
Android (android.graphics.Color)	4280982421 (0xFF2A9B95)
YUV	120.5290, 14.0362, -68.8699
Hunter-Lab	51.0929, -26.1743, -1.9706

Details

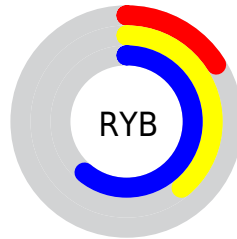
The Hex color **2A9B95** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B2A30**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6AD2CB**, and **006762** is the 20% darker color. If you saturate the color by 10%, you get **1A9B94**, and if you desaturate by 10%, it is **399B96**.

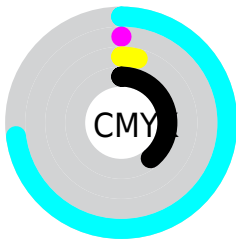
Distribution



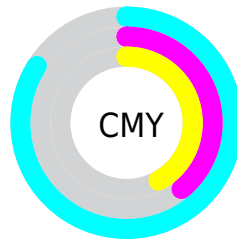
- Red (16%)
- Green (61%)
- Blue (58%)



- Red (16%)
- Yellow (39%)
- Blue (61%)



- Cyan (73%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (84%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9B95 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 2A9B95 by changing the saturation by 10% instead.



2A9B95



2A9B95

FFFFFF



00817B



6AD2CB



006762



87EEE7



004E4B



A4FFFF



003734



C1FFFF



00231F



DFFFFF



000006

FDFFFF



000000



2A9B95



2A9B95



1A9B94



399B96

■ 0B9B93

■ 499B97

■ 009B93

■ 589B97

■ 689B98

■ 789B99

■ 879B9A

■ 969B9B

■ A69B9C

■ B59B9C

Harmonies

Analogous

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



529A78



2A9B95



1399B0

Triad

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



2A9B95



9C81B7



AE8457

Complementary

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



2A9B95



9B2A30

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.



BF7A68



2A9B95



B7789F

Square

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



2A9B95



738BC3



C37683



958D53

Rectangle

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



2A9B95



3196BC



C37683



B5805B

Sweetspot

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



2A9B95



9DC9C7



329B2A



4B6665



E6E6E6



666666

Same Dimension

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



2A9B95



1AC9C0



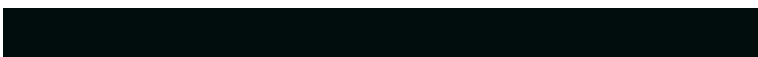
2A6A9B



454D4C



008C85



000D0C

Inverse Universe

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



9B2A30



C91A23



9B5B2A



4D4545



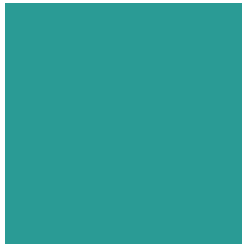
8C0007



0D0001

Previews

White Background



This preview shows how the Hex color 2A9B95 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 2A9B95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

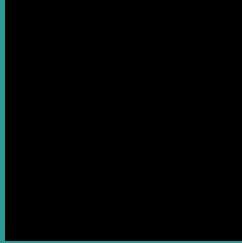
Any Text WCAG AA ✓ Pass

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 2A9B95 Background



This preview shows how black text looks on a background with the Hex color 2A9B95.

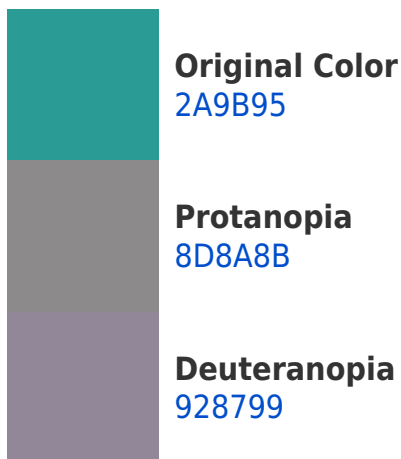


This preview shows how white text looks on a background with the Hex color 2A9B95.

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
3499A5

Trichromacy



Original Color
2A9B95



Protanomaly
69908F



Deuteranomaly
6C8E98



Tritanomaly
309A9F

Monochromacy



Original Color
2A9B95



Achromatopsia
797979



Achromatomaly
5C8583

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9B95 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 #2A9B95 looks like.

```
.text, #text, p{  
    color:#2A9B95  
}
```

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 #2A9B95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9B95
}
```

Border

The CSS property to change the border of an element to Hex 2A9B95 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
#2A9B95 }
```

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

```
.border{ border-color:#2A9B95 }
```

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

Here you see how a box with a 4 pixel #2A9B95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9B95; -webkit-box-shadow:4px 4px  
4px 4px #2A9B95; box-shadow:4px 4px 4px  
4px #2A9B95 }
```

Background

The CSS property to change the background color of an element to Hex 2A9B95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9B95 }
```

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

```
.background{ background-color:#2A9B95 }
```

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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