

Converting Colors

Hex(02A99B)

Have a look what the booklet for
Hex(02A99B) contains.

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Color

Hex(02A99B)

Conversions

Conversions Part 1

Format	Color
Hex	02A99B
RGB	2, 169, 155
RGB Percent	1%, 66%, 61%
CMY	0.9922, 0.3373, 0.3922
CMYK	0.99, 0.00, 0.08, 0.34
HSL	175°, 98%, 34%
HSV	175°, 99%, 66%
XYZ	20.1294, 30.7554, 35.8858
YIQ	117.4710, -95.0380, -39.7580

Conversions

Conversions Part 2

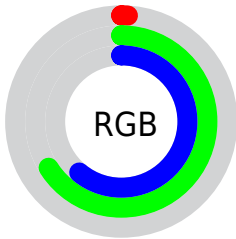
Format	Color
RYB	2, 89, 169
Decimal	174491
CIELab	62.30, -39.47, -3.15
CIELCh	62, 39.593, 184.562
Yxy	30.7554, 0.2320, 0.3544
Android (android.graphics.Color)	4278364571 (0xFF02A99B)
YUV	117.4710, 18.5018, -101.2681
Hunter-Lab	55.4575, -32.2607, 0.4546

Details

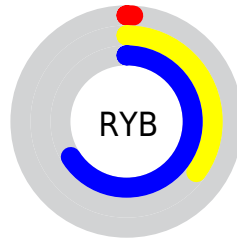
The Hex color **02A99B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90210**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5FE1D1**, and **007468** is the 20% darker color. If you saturate the color by 10%, you get **00A99B**, and if you desaturate by 10%, it is **13A99C**.

Distribution



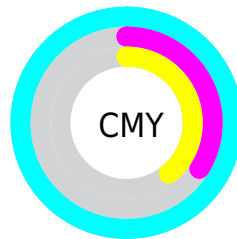
- Red (1%)
- Green (66%)
- Blue (61%)



- Red (1%)
- Yellow (35%)
- Blue (66%)



- Cyan (99%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (99%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02A99B 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 02A99B by changing the saturation by 10% instead.

 02A99B

 02A99B

FFFFFF

 008E81

 5FE1D1

 007468

 7EFEEE

 005B50

 9CFFFF

 004239

 BAF0FF

 002C24

 D8FFFF

 00100F

 F7FFFF

 000000

 02A99B

 02A99B

 00A99B

 13A99C

 24A99E

 35A99F

 46A9A1

 56A9A2

 67A9A4

 78A9A5

 89A9A6

 9AA9A8

Harmonies

Analogous

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



56A677



02A99B



00A8BD

Triad

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



02A99B



A18BD1



C58A58

Complementary

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



02A99B



A90210

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.



D77F71



02A99B



C77FB5

Square

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



02A99B



6998DC



D97A93



A8964F

Rectangle

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



02A99B



00A5CF



D97A93



CD865E

Sweetspot

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



02A99B



9ADBD6



13A902



466E6A



EDEDED



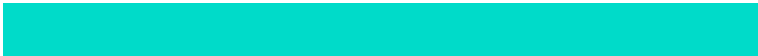
6E6E6E

Same Dimension

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



02A99B



00DBC9



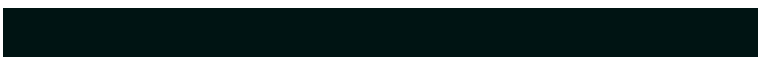
0266A9



4C5453



009488



001413

Inverse Universe

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



A90210



DB0012



A94502



544C4C



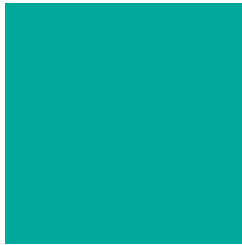
94000C



140002

Previews

White Background



This preview shows how the Hex color 02A99B looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 02A99B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

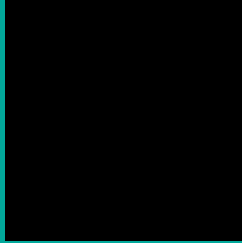
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 02A99B Background



This preview shows how black text looks on a background with the Hex color 02A99B.

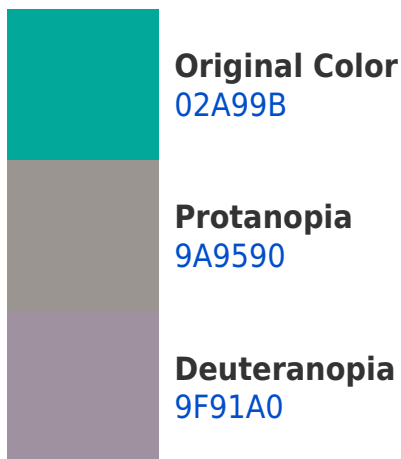


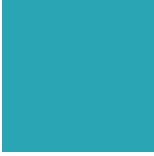
This preview shows how white text looks on a background with the Hex color 02A99B.

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
29A5B3

Trichromacy



Original Color
02A99B



Protanomaly
639C94



Deuteranomaly
669A9E



Tritanomaly
1BA6AA

Monochromacy



Original Color
02A99B



Achromatopsia
757575



Achromatomaly
4B8883

CSS Examples

Text

The CSS property to change the color of the text to Hex 02A99B 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 #02A99B looks like.

```
.text, #text, p{  
    color:#02A99B  
}
```

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 #02A99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02A99B
}
```

Border

The CSS property to change the border of an element to Hex 02A99B 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
#02A99B }
```

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

```
.border{ border-color:#02A99B }
```

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

Here you see how a box with a 4 pixel #02A99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02A99B; -webkit-box-shadow:4px 4px  
4px 4px #02A99B; box-shadow:4px 4px 4px  
4px #02A99B }
```

Background

The CSS property to change the background color of an element to Hex 02A99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02A99B }
```

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

```
.background{ background-color:#02A99B }
```

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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