

Converting Colors

Hex(2AA99E)

Have a look what the booklet for
Hex(2AA99E) contains.

Hex(2AA99E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2AA99E)

Conversions

Conversions Part 1

Format	Color
Hex	2AA99E
RGB	42, 169, 158
RGB Percent	16%, 66%, 62%
CMY	0.8353, 0.3373, 0.3804
CMYK	0.75, 0.00, 0.07, 0.34
HSL	175°, 60%, 41%
HSV	175°, 75%, 66%
XYZ	21.3144, 31.3368, 37.2730
YIQ	129.7730, -72.1610, -30.3450

Conversions

Conversions Part 2

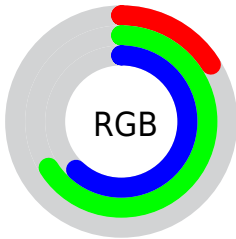
Format	Color
RYB	42, 108, 169
Decimal	2795934
CIELab	62.79, -35.84, -4.06
CIELCh	63, 36.073, 186.464
Yxy	31.3368, 0.2370, 0.3485
Android (android.graphics.Color)	4280986014 (0xFF2AA99E)
YUV	129.7730, 13.9159, -76.9769
Hunter-Lab	55.9793, -29.9990, -0.2919

Details

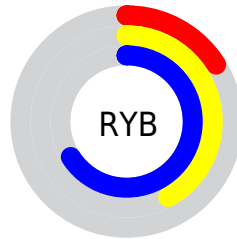
The Hex color **2AA99E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A92A35**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DE1D5**, and **00746B** is the 20% darker color. If you saturate the color by 10%, you get **19A99D**, and if you desaturate by 10%, it is **3BA99F**.

Distribution



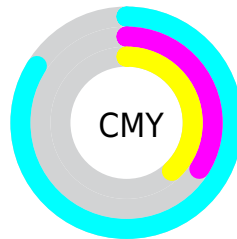
- Red (16%)
- Green (66%)
- Blue (62%)



- Red (16%)
- Yellow (42%)
- Blue (66%)



- Cyan (75%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA99E 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 2AA99E by changing the saturation by 10% instead.

 2AA99E

 2AA99E

FFFFFF

 008E84

 6DE1D5

 00746B

 8AFEF1

 005B53

 A8FFFF

 00433C

 C6FFFF

 002C26

 E4FFFF

 001212

 000000

 2AA99E

 2AA99E

 19A99D

 3BA99F

08A99B

4CA9A1

00A99A

5DA9A2

6EA9A4

7EA9A5

8FA9A7

A0A9A8

B1A9AA

C2A9AB

Harmonies

Analogous

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



5CA77D



2AA99E



00A8BD

Triad

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



2AA99E



A58DCC



C28D5E

Complementary

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



2AA99E



A92A35

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.



D38373



2AA99E



C683B2

Square

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



2AA99E



7499D7



D57F92



A69857

Rectangle

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



2AA99E



1FA4CC



D57F92



C98963

Sweetspot

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



2AA99E



A9DBD7



37A92A



4F6E6B



EDEDED



6E6E6E

Same Dimension

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



2AA99E



16DBCA



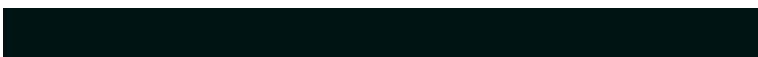
2A76A9



4C5453



009487



001413

Inverse Universe

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



A92A35



DB1627



A95D2A



544C4C



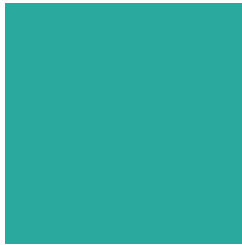
94000D



140002

Previews

White Background



This preview shows how the Hex color 2AA99E looks on a white background.

Color Contrast Check

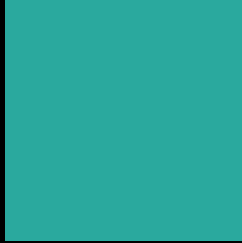
Large Text (above 18pt) WCAG AA × Fail

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 2AA99E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

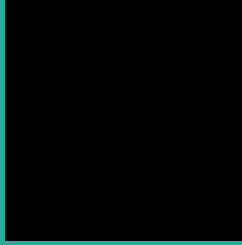
Any Text WCAG AA ✓ Pass

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 2AA99E Background



This preview shows how black text looks on a background with the Hex color 2AA99E.

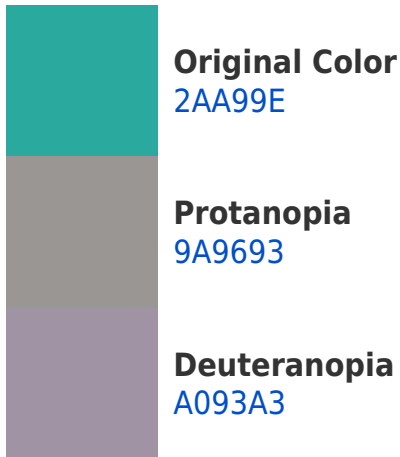


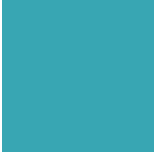
This preview shows how white text looks on a background with the Hex color 2AA99E.

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](#).

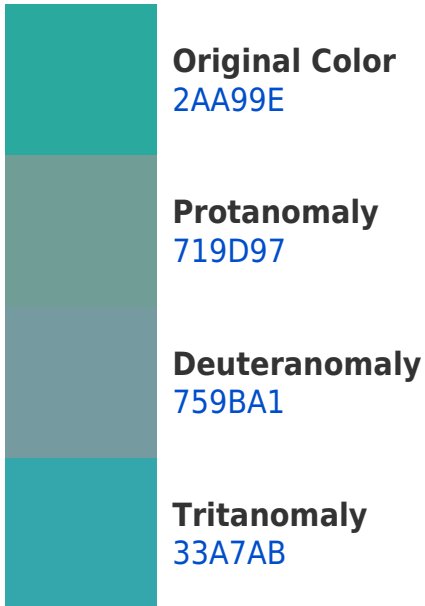
Dichromacy



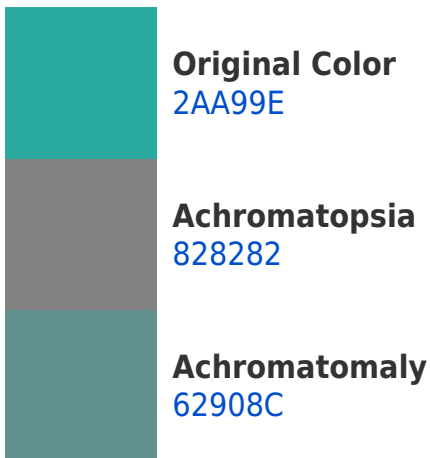


Tritanopia
38A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA99E 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 #2AA99E looks like.

```
.text, #text, p{  
    color:#2AA99E  
}
```

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 #2AA99E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA99E
}
```

Border

The CSS property to change the border of an element to Hex 2AA99E 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
#2AA99E }
```

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

```
.border{ border-color:#2AA99E }
```

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

Here you see how a box with a 4 pixel #2AA99E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AA99E; -webkit-box-shadow:4px 4px  
4px 4px #2AA99E; box-shadow:4px 4px 4px  
4px #2AA99E }
```

Background

The CSS property to change the background color of an element to Hex 2AA99E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA99E }
```

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

```
.background{ background-color:#2AA99E }
```

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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