

Converting Colors

Hex(2AA8A7)

Have a look what the booklet for
Hex(2AA8A7) contains.

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Color

Hex(2AA8A7)

Conversions

Conversions Part 1

Format	Color
Hex	2AA8A7
RGB	42, 168, 167
RGB Percent	16%, 66%, 65%
CMY	0.8353, 0.3412, 0.3451
CMYK	0.75, 0.00, 0.01, 0.34
HSL	180°, 60%, 41%
HSV	180°, 75%, 66%
XYZ	21.9325, 31.2875, 41.4423
YIQ	130.2120, -74.7750, -27.0230

Conversions

Conversions Part 2

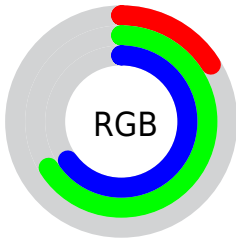
Format	Color
R_{YB}	42, 105, 168
Decimal	2795687
CIE _{Lab}	62.75, -32.76, -9.17
CIE _{LCh}	63, 34.015, 195.632
Yxy	31.2875, 0.2317, 0.3305
Android (android.graphics.Color)	4280985767 (0xFF2AA8A7)
YUV	130.2120, 18.1365, -77.3619
Hunter-Lab	55.9353, -27.8958, -4.7732

Details

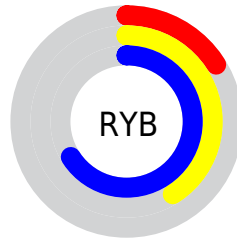
The Hex color **2AA8A7** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A82A2B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DE0DE**, and **007373** is the 20% darker color. If you saturate the color by 10%, you get **19A8A7**, and if you desaturate by 10%, it is **3BA8A7**.

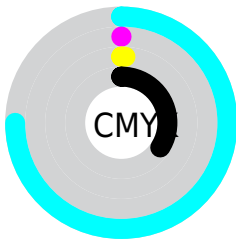
Distribution



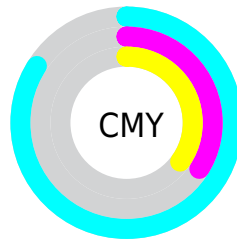
- Red (16%)
- Green (66%)
- Blue (65%)



- Red (16%)
- Yellow (41%)
- Blue (66%)



- Cyan (75%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA8A7 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 2AA8A7 by changing the saturation by 10% instead.

 2AA8A7

 2AA8A7

FFFFFF

 008D8D

 6DE0DE

 007373

 8BFDFB

 005A5B

 A9FFFF

 004243

 C7FFFF

 002B2D

 E5FFFF

 001219

 000000

 2AA8A7

 2AA8A7

 19A8A7

 3BA8A7

08A8A7

4CA8A7

00A8A7

5CA8A7

6DA8A8

7EA8A8

8FA8A8

A0A8A8

B0A8A8

C1A8A8

Harmonies

Analogous

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



54A788



2AA8A7



21A5C2

Triad

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



2AA8A7



AF8AC2



B9915D

Complementary

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



2AA8A7



A82A2B

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.



CC876E



2AA8A7



CA82A8

Square

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



2AA8A7



8695D2



D38189



9C9B5D

Rectangle

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



2AA8A7



41A2CE



D38189



C08D61

Sweetspot

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



2AA8A7



A9DBDB



2CA82A



4F6E6D



EDEDED



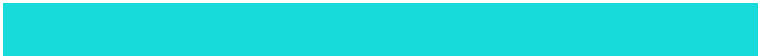
6E6E6E

Same Dimension

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



2AA8A7



16DBDA



2A6BA8



4C5454



009493



001414

Inverse Universe

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



A82A2B



DB1617



A8672A



544C4C



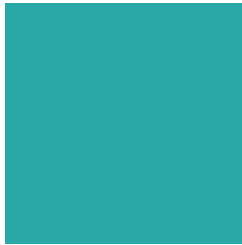
940001



140000

Previews

White Background



This preview shows how the Hex color 2AA8A7 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 2AA8A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

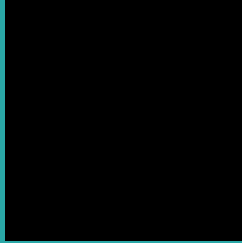
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

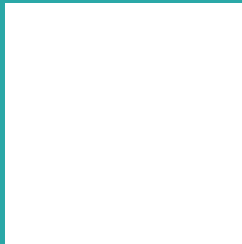
Any Text WCAG AAA ✓ Pass

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

Hex 2AA8A7 Background



This preview shows how black text looks on a background with the Hex color 2AA8A7.

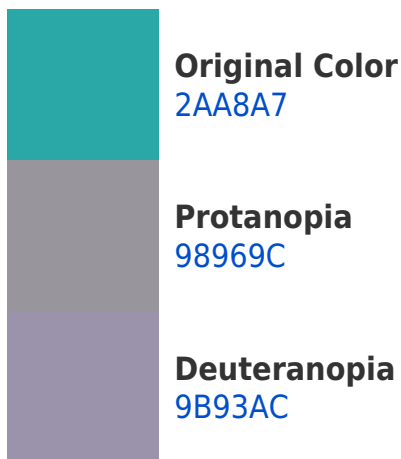


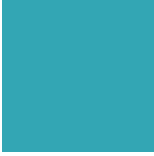
This preview shows how white text looks on a background with the Hex color 2AA8A7.

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](#).

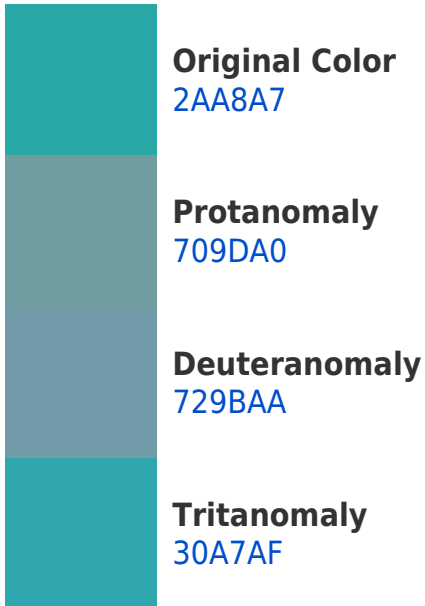
Dichromacy



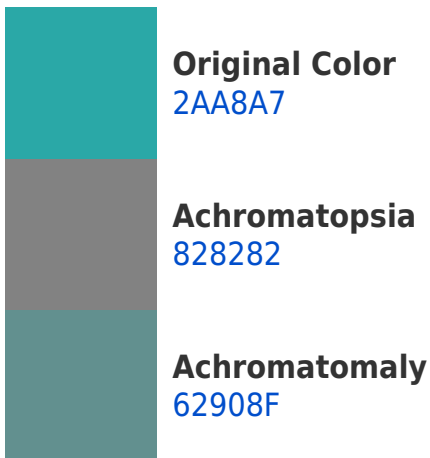


Tritanopia
33A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA8A7 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 #2AA8A7 looks like.

```
.text, #text, p{  
    color:#2AA8A7  
}
```

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 #2AA8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA8A7
}
```

Border

The CSS property to change the border of an element to Hex 2AA8A7 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
#2AA8A7 }
```

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

```
.border{ border-color:#2AA8A7 }
```

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

Here you see how a box with a 4 pixel #2AA8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AA8A7; -webkit-box-shadow:4px 4px  
4px 4px #2AA8A7; box-shadow:4px 4px 4px  
4px #2AA8A7 }
```

Background

The CSS property to change the background color of an element to Hex 2AA8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA8A7 }
```

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

```
.background{ background-color:#2AA8A7 }
```

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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