

# Converting Colors

Hex(2AAA95)

Have a look what the booklet for  
Hex(2AAA95) contains.

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# Color

Hex(2AAA95)

# Conversions

## Conversions Part 1

Format	Color
Hex	2AAA95
RGB	42, 170, 149
RGB Percent	16%, 67%, 58%
CMY	0.8353, 0.3333, 0.4157
CMYK	0.75, 0.00, 0.12, 0.33
HSL	170°, 60%, 42%
HSV	170°, 75%, 67%
XYZ	20.7544, 31.4116, 33.4029
YIQ	129.3340, -69.5470, -33.6670

# Conversions

## Conversions Part 2

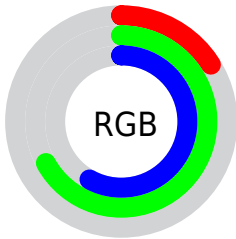
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 112, 170
Decimal	2796181
CIELab	62.85, -38.80, 1.07
CIELCh	63, 38.813, 178.425
Yxy	31.4116, 0.2425, 0.3671
Android (android.graphics.Color)	4280986261 (0xFF2AAA95)
YUV	129.3340, 9.6953, -76.5919
Hunter-Lab	56.0461, -31.9804, 3.8959

# Details

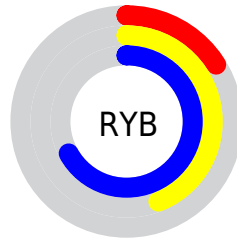
The Hex color **2AAA95** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA2A3F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6CE2CB**, and **007562** is the 20% darker color. If you saturate the color by 10%, you get **19AA92**, and if you desaturate by 10%, it is **3BAA98**.

# Distribution



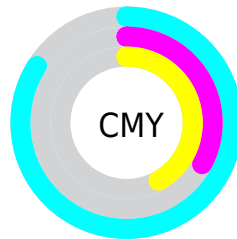
- Red (16%)
- Green (67%)
- Blue (58%)



- Red (16%)
- Yellow (44%)
- Blue (67%)



- Cyan (75%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2AAA95 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 2AAA95 by changing the saturation by 10% instead.



 2AAA95

 2AAA95

FFFFFF

 008F7B

 6CE2CB

 007562

 8AFFE7

 005C4B

 A7FFFF

 004334

 C5FFFF

 002C1F

 E3FFFF

 001207

 000000

 2AAA95

 2AAA95

 19AA92

 3BAA98

08AA8F

4CAA9B

00AA8E

5DAA9D

6EAAA0

7FAAA3

90AAA6

A1AAA9

B2AAAB

C3AAAE

# Harmonies

## Analogous

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



63A773



2AAA95



00AAB8

# Triad

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



2AAA95



9990D5



CB895E

# Complementary

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



2AAA95



AA2A3F

# 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.



D97F79



2AAA95



C283BD

# Square

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



2AAA95



5F9CDD



D77D9B



B09552

# Rectangle

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



2AAA95



00A7CB



D77D9B



D18566



# Sweetspot

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



2AAA95



ABDED5



3FAA2A



51706B



F0F0F0



707070



# Same Dimension

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



2AAA95



16DEBD



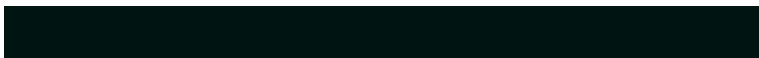
2A7FAA



4C5453



00947C



001411



# Inverse Universe

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



AA2A3F



DE1637



AA552A



544C4D



940018

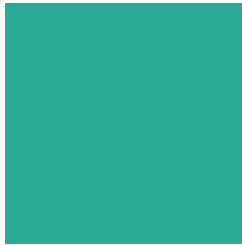


140003



# Previews

## White Background



This preview shows how the Hex color 2AAA95 looks on a white background.

## Color Contrast Check

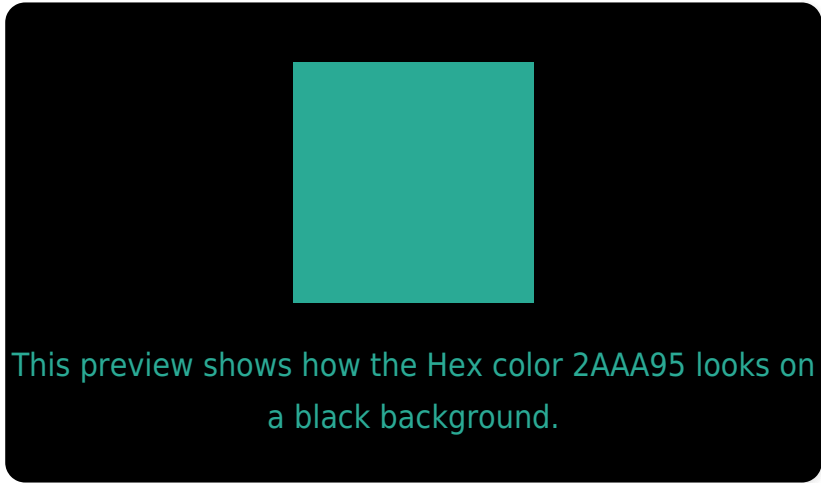
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

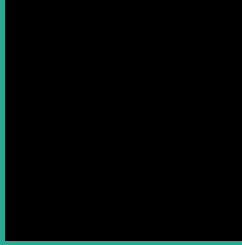
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2AAA95 Background



This preview shows how black text looks on a background with the Hex color 2AAA95.

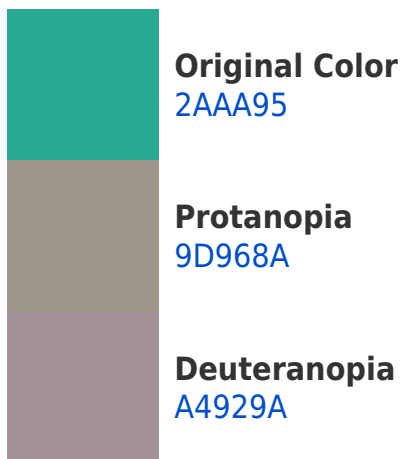


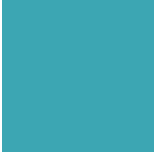
This preview shows how white text looks on a background with the Hex color 2AAA95.

# 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



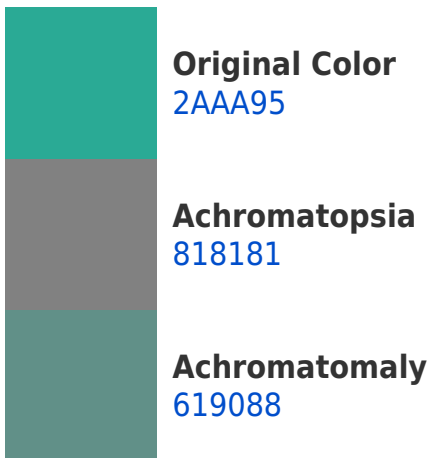


**Tritanopia**  
3CA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2AAA95 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 #2AAA95 looks like.

```
.text, #text, p{  
    color:#2AAA95  
}
```

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 #2AAA95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AAA95
}
```

## Border

The CSS property to change the border of an element to Hex 2AAA95 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
#2AAA95 }
```

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

```
.border{ border-color:#2AAA95 }
```

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

Here you see how a box with a 4 pixel #2AAA95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAA95; -webkit-box-shadow:4px 4px  
4px 4px #2AAA95; box-shadow:4px 4px 4px  
4px #2AAA95 }
```

# Background

The CSS property to change the background color of an element to Hex 2AAA95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAA95 }
```

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

```
.background{ background-color:#2AAA95 }
```

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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