

Converting Colors

Hex(2AAD7A)

Have a look what the booklet for
Hex(2AAD7A) contains.

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Color

Hex(2AAD7A)

Conversions

Conversions Part 1

Format	Color
Hex	2AAD7A
RGB	42, 173, 122
RGB Percent	16%, 68%, 48%
CMY	0.8353, 0.3216, 0.5216
CMYK	0.76, 0.00, 0.29, 0.32
HSL	157°, 61%, 42%
HSV	157°, 76%, 68%
XYZ	19.4113, 31.7845, 23.5243
YIQ	128.0170, -61.7050, -43.6330

Conversions

Conversions Part 2

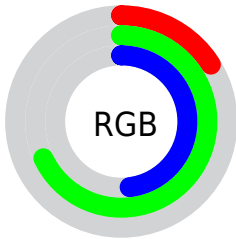
Format	Color
RYB	42, 123, 173
Decimal	2796922
CIELab	63.16, -46.78, 16.48
CIELCh	63, 49.596, 160.592
Yxy	31.7845, 0.2598, 0.4254
Android (android.graphics.Color)	4280987002 (0xFF2AAD7A)
YUV	128.0170, -2.9664, -75.4369
Hunter-Lab	56.3778, -37.2023, 14.7250

Details

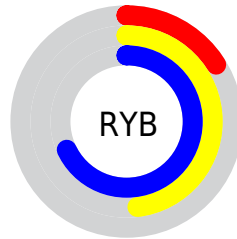
The Hex color **2AAD7A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD2A5D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6CE5AF**, and **007749** is the 20% darker color. If you saturate the color by 10%, you get **19AD73**, and if you desaturate by 10%, it is **3BAD81**.

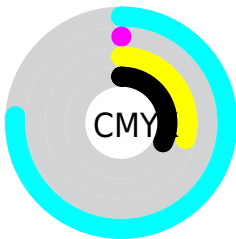
Distribution



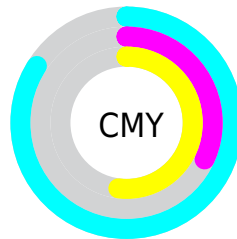
- Red (16%)
- Green (68%)
- Blue (48%)



- Red (16%)
- Yellow (48%)
- Blue (68%)



- Cyan (76%)
- Magenta (0%)
- Yellow (29%)
- Black (32%)



- Cyan (84%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AAD7A 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 2AAD7A by changing the saturation by 10% instead.

 2AAD7A

 2AAD7A

FFFFFF

 009261

 6CE5AF

 007749

 89FFCA

 005E32

 A6FFE6

 00451D

 C4FFFF

 002E05

 E2FFFF

 001300

 000000

 2AAD7A

 2AAD7A

 19AD73

 3BAD81

07AD6D

4DAD87

00AD6A

5EAD8E

6FAD95

81AD9C

92ADA2

A3ADA9

B4ADB0

C6ADB7

Harmonies

Analogous

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



73A753



2AAD7A



00AFA8

Triad

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



2AAD7A



6898F0



E47C62

Complementary

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



2AAD7A



AD2A5D

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.



EB738B



2AAD7A



B087DC

Square

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



2AAD7A



00A5EC



DB77B7



CA8C44

Rectangle

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



2AAD7A



00AEC4



DB77B7



E9786E

Sweetspot

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



2AAD7A



ADE0CC



5EAD2A



517064



F0F0F0



707070

Same Dimension

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



2AAD7A



14E091



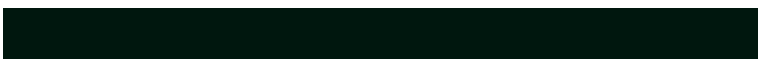
2AA0AD



4E5753



00965C



00170E

Inverse Universe

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



AD2A5D



E01464



AD372A



574E51



96003B



170009

Previews

White Background



This preview shows how the Hex color 2AAD7A looks on a white background.

Color Contrast Check

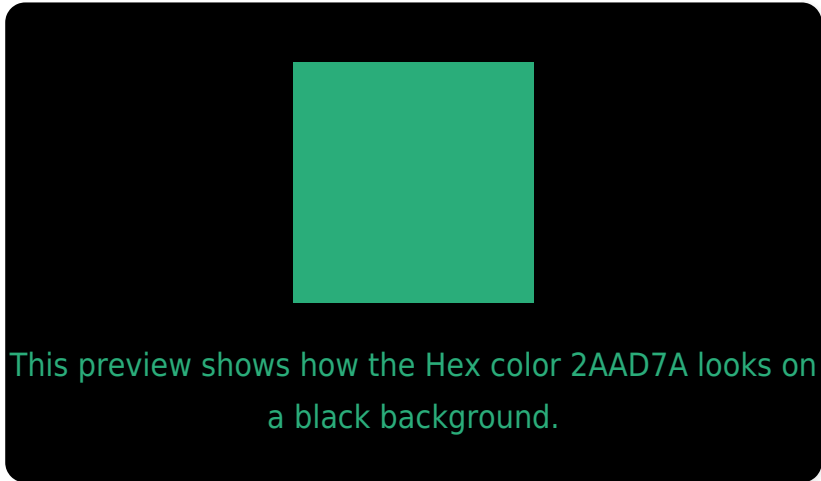
Large Text (above 18pt) WCAG AA × Fail

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 2AAD7A Background



This preview shows how black text looks on a background with the Hex color 2AAD7A.

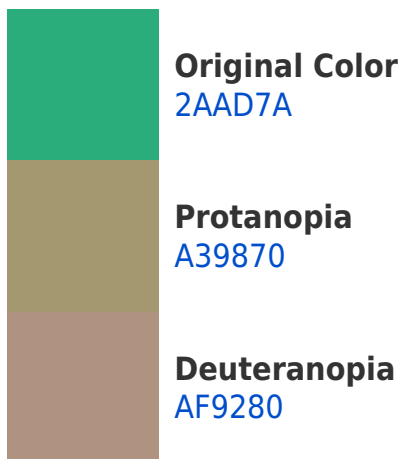


This preview shows how white text looks on a background with the Hex color 2AAD7A.

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](#).

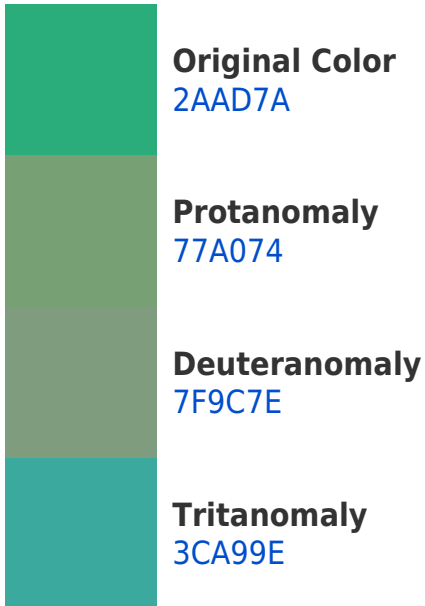
Dichromacy





Tritanopia
46A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AAD7A 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 #2AAD7A looks like.

```
.text, #text, p{  
    color:#2AAD7A  
}
```

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 #2AAD7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AAD7A
}
```

Border

The CSS property to change the border of an element to Hex 2AAD7A 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
#2AAD7A }
```

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

```
.border{ border-color:#2AAD7A }
```

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

Here you see how a box with a 4 pixel #2AAD7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAD7A; -webkit-box-shadow:4px 4px  
4px 4px #2AAD7A; box-shadow:4px 4px 4px  
4px #2AAD7A }
```

Background

The CSS property to change the background color of an element to Hex 2AAD7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAD7A }
```

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

```
.background{ background-color:#2AAD7A }
```

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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