

Converting Colors

Hex(2CA0AD)

Have a look what the booklet for
Hex(2CA0AD) contains.

Hex(2CA0AD)	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(2CA0AD)

Conversions

Conversions Part 1

Format	Color
Hex	2CA0AD
RGB	44, 160, 173
RGB Percent	17%, 63%, 68%
CMY	0.8275, 0.3725, 0.3216
CMYK	0.75, 0.08, 0.00, 0.32
HSL	186°, 59%, 43%
HSV	186°, 75%, 68%
XYZ	21.1523, 28.6942, 43.9589
YIQ	126.7980, -73.3090, -20.5490

Conversions

Conversions Part 2

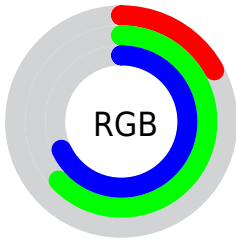
Format	Color
RYB	44, 105, 173
Decimal	2924717
CIELab	60.51, -26.79, -15.90
CIElCh	61, 31.152, 210.695
Yxy	28.6942, 0.2255, 0.3059
Android (android.graphics.Color)	4281114797 (0xFF2CA0AD)
YUV	126.7980, 22.7776, -72.6138
Hunter-Lab	53.5670, -23.2568, -11.1585




Details

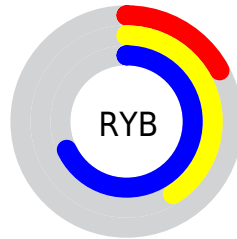
The Hex color **2CA0AD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD392C**, and the grayscale version is **7F7F7F**.




A 20% lighter version of the original color is **6ED7E4**, and **006C79** is the 20% darker color. If you saturate the color by 10%, you get **1B9EAD**, and if you desaturate by 10%, it is **3DA2AD**.

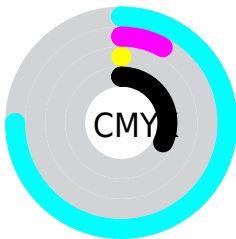
Distribution







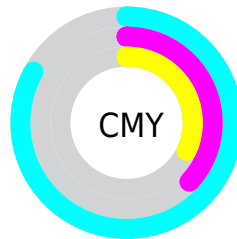
-  Red (17%)
-  Green (63%)
-  Blue (68%)






-  Red (17%)
-  Yellow (41%)
-  Blue (68%)



-  Cyan (75%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (83%)
-  Magenta (37%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA0AD 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 2CA0AD by changing the saturation by 10% instead.

 2CA0AD

 2CA0AD

FFFFFF

 008692

 6ED7E4

 006C79

 8CF4FF

 005360

 A9FFFF

 003C48

 C7FFFF

 002632

 E5FFFF

 00051D

 000000

 2CA0AD

 2CA0AD

 1B9EAD

 3DA2AD

099DAD

4FA3AD

009CAD

60A5AD

71A7AD

83A9AD

94AAAD

A5ACAD

B6AEAD

C8B0AD

Harmonies

Analogous

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



44A192



2CA0AD



419CC1

Triad

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



2CA0AD



B581AD



A4905B

Complementary

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



2CA0AD



AD392C

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.



BA8763



2CA0AD



C67D92

Square

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



2CA0AD



968BC1



C77F77



879962

Rectangle

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



2CA0AD



5E97C8



C77F77



AC8D5C

Sweetspot

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



2CA0AD



AFDBE0



2CAD39



536D70



F0F0F0



707070

Same Dimension

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



2CA0AD



19CCE0



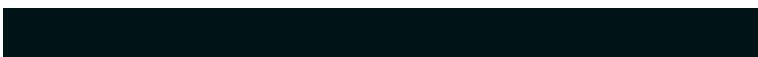
2C60AD



4E5657



008796



001517

Inverse Universe

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



AD2CA0



E019CC



AD792C



574E56



960087



170015

Previews

White Background



This preview shows how the Hex color 2CA0AD looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2CA0AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

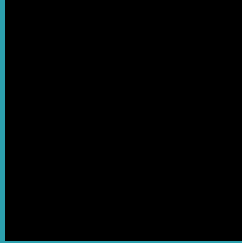
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2CA0AD Background



This preview shows how black text looks on a background with the Hex color 2CA0AD.

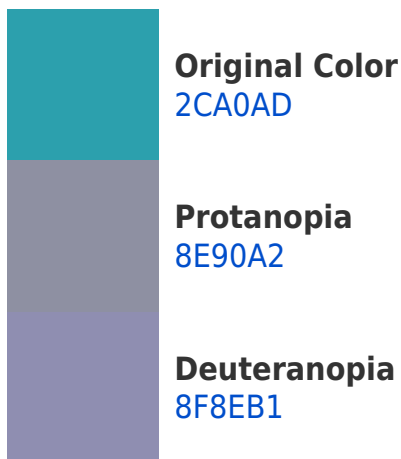


This preview shows how white text looks on a background with the Hex color 2CA0AD.

Color Blindness Simulation

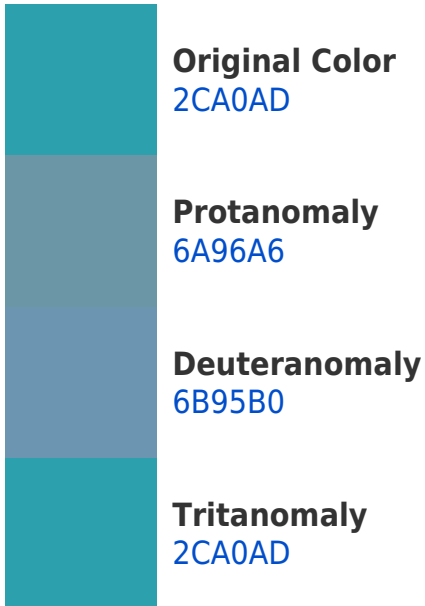
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

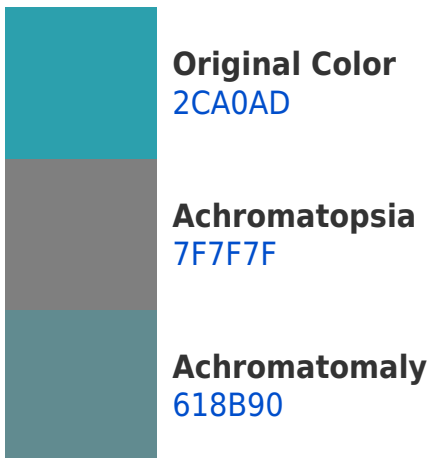




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA0AD 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 #2CA0AD looks like.

```
.text, #text, p{  
    color:#2CA0AD  
}
```

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 #2CA0AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA0AD
}
```

Border

The CSS property to change the border of an element to Hex 2CA0AD 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
#2CA0AD }
```

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

```
.border{ border-color:#2CA0AD }
```

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

Here you see how a box with a 4 pixel #2CA0AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA0AD; -webkit-box-shadow:4px 4px  
4px 4px #2CA0AD; box-shadow:4px 4px 4px  
4px #2CA0AD }
```

Background

The CSS property to change the background color of an element to Hex 2CA0AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA0AD }
```

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

```
.background{ background-color:#2CA0AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor