

Converting Colors

Hex(1BA2AA)

Have a look what the booklet for
Hex(1BA2AA) contains.

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Color

Hex(1BA2AA)

Conversions

Conversions Part 1

Format	Color
Hex	1BA2AA
RGB	27, 162, 170
RGB Percent	11%, 64%, 67%
CMY	0.8941, 0.3647, 0.3333
CMYK	0.84, 0.05, 0.00, 0.33
HSL	183°, 73%, 39%
HSV	183°, 84%, 67%
XYZ	20.6280, 28.9760, 42.5359
YIQ	122.5470, -83.0280, -26.1320

Conversions

Conversions Part 2

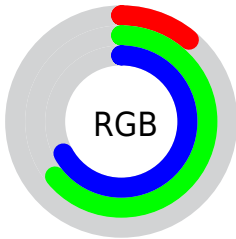
Format	Color
R _Y B	27, 96, 170
Decimal	1811114
CIE Lab	60.76, -30.39, -13.86
CIE LCh	61, 33.399, 204.517
Yxy	28.9760, 0.2239, 0.3145
Android (android.graphics.Color)	4280001194 (0xFF1BA2AA)
YUV	122.5470, 23.3943, -83.7947
Hunter-Lab	53.8293, -25.7980, -9.1704

Details

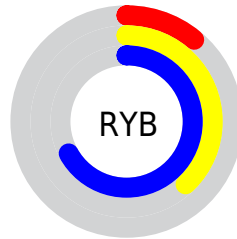
The Hex color **1BA2AA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA231B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66D9E1**, and **006E76** is the 20% darker color. If you saturate the color by 10%, you get **0AA1AA**, and if you desaturate by 10%, it is **2CA3AA**.

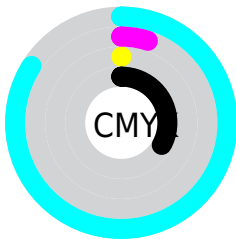
Distribution



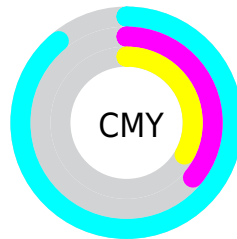
- Red (11%)
- Green (64%)
- Blue (67%)



- Red (11%)
- Yellow (38%)
- Blue (67%)



- Cyan (84%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BA2AA 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 1BA2AA by changing the saturation by 10% instead.

 1BA2AA

 1BA2AA

FFFFFF

 008790

 66D9E1

 006E76

 84F6FE

 00555D

 A2FFFF

 003D46

 C0FFFF

 00272F

 DEFFFF

 00071B

FDFFFF

 000000

 1BA2AA

 1BA2AA

 0AA1AA

 2CA3AA

00A0AA

3DA4AA

4EA5AA

5FA6AA

70A7AA

81A8AA

92A9AA

A3AAAA

B4ABAA

Harmonies

Analogous

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



44A28C



1BA2AA



2A9EC2

Triad

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



1BA2AA



B382B5



AB8F58

Complementary

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



1BA2AA



AA231B

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.



C18564



1BA2AA



C87C99

Square

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



1BA2AA



8E8DC8



CC7D7C



8D985C

Rectangle

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



1BA2AA



4D9ACB



CC7D7C



B38B5A

Sweetspot

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



1BA2AA



A6DBDE



1BAA22



4F6E70



F0F0F0



707070

Same Dimension

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



1BA2AA



00D1DE



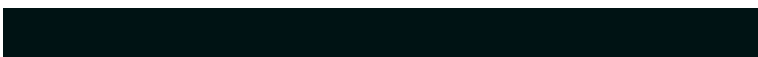
1B5BAA



4C5454



008C94



001314

Inverse Universe

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



AA1BA2



DE00D1



AA6A1B



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 1BA2AA 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 1BA2AA 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 1BA2AA Background



This preview shows how black text looks on a background with the Hex color 1BA2AA.

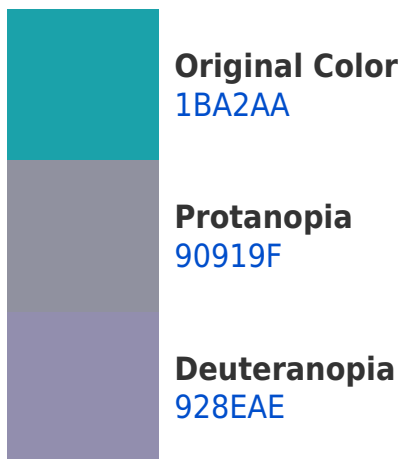


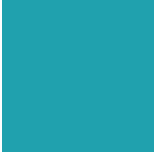
This preview shows how white text looks on a background with the Hex color 1BA2AA.

Color Blindness Simulation

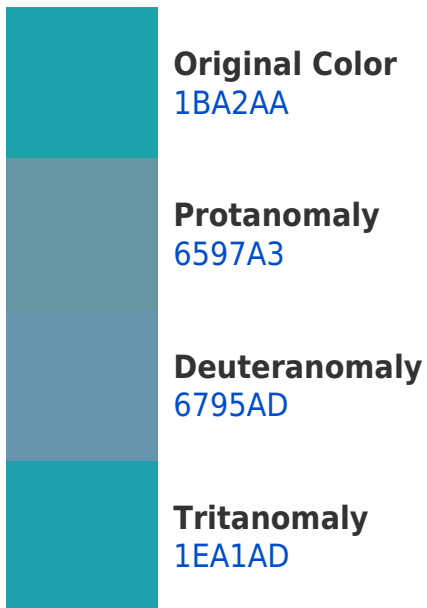
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

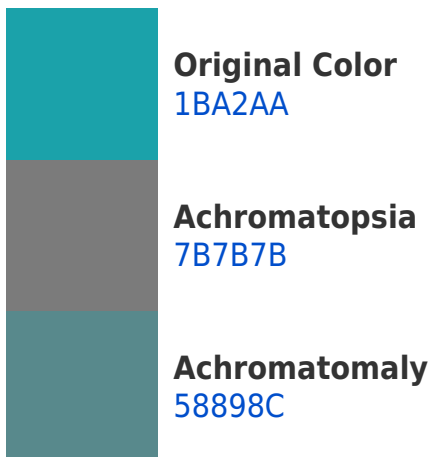




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BA2AA 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 #1BA2AA looks like.

```
.text, #text, p{  
    color:#1BA2AA  
}
```

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 #1BA2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BA2AA
}
```

Border

The CSS property to change the border of an element to Hex 1BA2AA 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
#1BA2AA }
```

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

```
.border{ border-color:#1BA2AA }
```

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

Here you see how a box with a 4 pixel #1BA2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BA2AA; -webkit-box-shadow:4px 4px  
4px 4px #1BA2AA; box-shadow:4px 4px 4px  
4px #1BA2AA }
```

Background

The CSS property to change the background color of an element to Hex 1BA2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BA2AA }
```

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

```
.background{ background-color:#1BA2AA }
```

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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