

Converting Colors

Hex(2AB8AA)

Have a look what the booklet for
Hex(2AB8AA) contains.

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Color

Hex(2AB8AA)

Conversions

Conversions Part 1

Format	Color
Hex	2AB8AA
RGB	42, 184, 170
RGB Percent	16%, 72%, 67%
CMY	0.8353, 0.2784, 0.3333
CMYK	0.77, 0.00, 0.08, 0.28
HSL	174°, 63%, 44%
HSV	174°, 77%, 72%
XYZ	25.3510, 37.6755, 43.9662
YIQ	139.9460, -80.1380, -34.4580

Conversions

Conversions Part 2

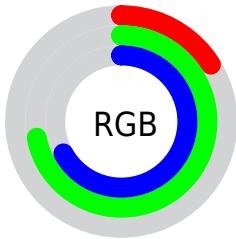
Format	Color
RYB	42, 117, 184
Decimal	2799786
CIELab	67.78, -39.27, -3.38
CIELCh	68, 39.417, 184.913
Yxy	37.6755, 0.2369, 0.3521
Android (android.graphics.Color)	4280989866 (0xFF2AB8AA)
YUV	139.9460, 14.8166, -85.8986
Hunter-Lab	61.3804, -33.6924, 0.4974

Details

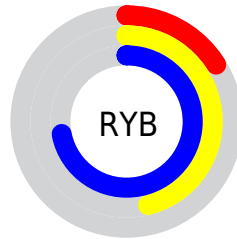
The Hex color **2AB8AA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B82A38**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **70F1E1**, and **008276** is the 20% darker color. If you saturate the color by 10%, you get **18B8A8**, and if you desaturate by 10%, it is **3CB8AC**.

Distribution



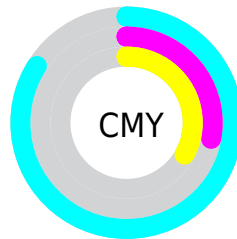
- Red (16%)
- Green (72%)
- Blue (67%)



- Red (16%)
- Yellow (46%)
- Blue (72%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (84%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB8AA 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 2AB8AA by changing the saturation by 10% instead.

 2AB8AA

 2AB8AA

FFFFFF

 009D90

 70F1E1

 008276

 8FFFFE

 00685D

 ADFFFF

 004F46

 CBFFFF

 003730

 E9FFFF

 00231B

 000000

 2AB8AA

 2AB8AA

 18B8A8

 3CB8AC

05B8A6

4FB8AE

00B8A6

61B8AF

74B8B1

86B8B3

98B8B5

ABB8B7

BDB8B9

D0B8BA

Harmonies

Analogous

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



64B586



2AB8AA



00B7CD

Triad

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



2AB8AA



B19AE0



D59965

Complementary

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



2AB8AA



B82A38

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.



E78D7E



2AB8AA



D78EC4

Square

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



2AB8AA



7AA7EC



E989A1



B6A55D

Rectangle

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



2AB8AA



06B3DE



E989A1



DC946C

Sweetspot

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



2AB8AA



B9F0EA



38B82A



567875



F7F7F7



787878

Same Dimension

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



2AB8AA



11F0DA



2A7FB8



535C5B



009C8C



001C19

Inverse Universe

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



B82A38



F01127



B8632A



5C5354



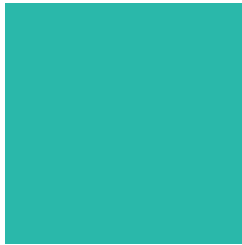
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color 2AB8AA 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 2AB8AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

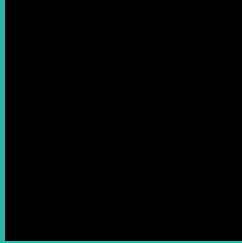
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

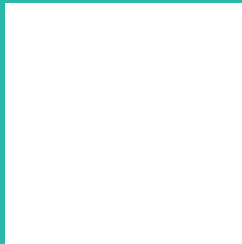
Any Text WCAG AAA ✓ Pass

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

Hex 2AB8AA Background



This preview shows how black text looks on a background with the Hex color 2AB8AA.

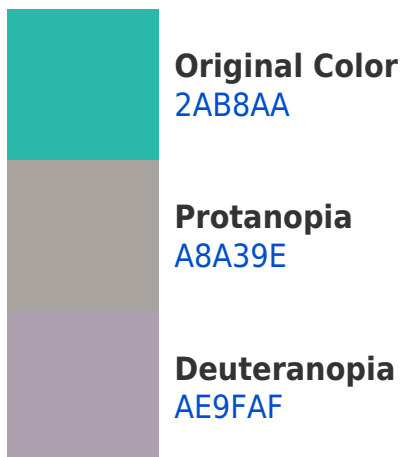


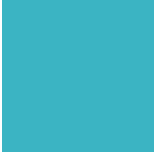
This preview shows how white text looks on a background with the Hex color 2AB8AA.

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
3BB4C3

Trichromacy



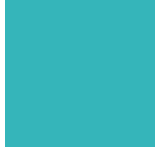
Original Color
2AB8AA



Protanomaly
7AABA2



Deuteranomaly
7EA8AD



Tritanomaly
35B5BA

Monochromacy



Original Color
2AB8AA



Achromatopsia
8C8C8C



Achromatomaly
689C97

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB8AA 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 #2AB8AA looks like.

```
.text, #text, p{  
    color:#2AB8AA  
}
```

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 #2AB8AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB8AA
}
```

Border

The CSS property to change the border of an element to Hex 2AB8AA 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
#2AB8AA }
```

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

```
.border{ border-color:#2AB8AA }
```

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

Here you see how a box with a 4 pixel #2AB8AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB8AA; -webkit-box-shadow:4px 4px  
4px 4px #2AB8AA; box-shadow:4px 4px 4px  
4px #2AB8AA }
```

Background

The CSS property to change the background color of an element to Hex 2AB8AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB8AA }
```

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

```
.background{ background-color:#2AB8AA }
```

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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