

Converting Colors

Hex(2BBBAE)

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

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Color

Hex(2BBBAE)

Conversions

Conversions Part 1

Format	Color
Hex	2BBBAE
RGB	43, 187, 174
RGB Percent	17%, 73%, 68%
CMY	0.8314, 0.2667, 0.3176
CMYK	0.77, 0.00, 0.07, 0.27
HSL	175°, 63%, 45%
HSV	175°, 77%, 73%
XYZ	26.4066, 39.1102, 46.2017
YIQ	142.4620, -81.6510, -34.5710

Conversions

Conversions Part 2

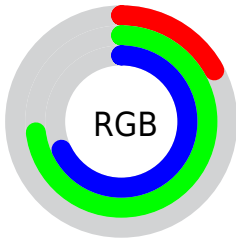
Format	Color
RYB	43, 118, 187
Decimal	2866094
CIELab	68.83, -39.39, -4.03
CIELCh	69, 39.599, 185.840
Yxy	39.1102, 0.2364, 0.3501
Android (android.graphics.Color)	4281056174 (0xFF2BBBAE)
YUV	142.4620, 15.5482, -87.2282
Hunter-Lab	62.5382, -34.0707, -0.0253

Details

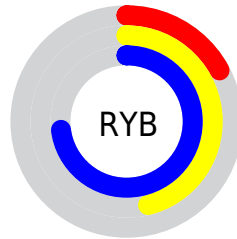
The Hex color **2BBBAE** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB2B38**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71F4E5**, and **00857A** is the 20% darker color. If you saturate the color by 10%, you get **18BBAC**, and if you desaturate by 10%, it is **3EBBB0**.

Distribution



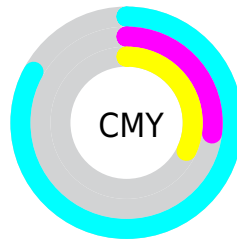
- Red (17%)
- Green (73%)
- Blue (68%)



- Red (17%)
- Yellow (46%)
- Blue (73%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (83%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 2BBBAE

 2BBBAE

FFFFFF

 00A093

 71F4E5

 00857A

 90FFFF

 006B61

 AEFFFF

 005249

 CCFFFF

 003A33

 EBFFFF

 00261E

 000005

 000000

 2BBBAE

 2BBBAE

■ 18BBAC

■ 3EBBB0

■ 06BBAB

■ 50BBB1

■ 00BBAA

■ 63BBB3

■ 76BBB5

■ 88BBB6

■ 9BBBB8

■ AEBBBA

■ C1BBBC

■ D3BBBD

Harmonies

Analogous

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



65B989



2BBBAE



00B9D1

Triad

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



2BBBAE



B59CE2



D79C67

Complementary

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



2BBBAE



BB2B38

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.



EA9080



2BBBAE



DB90C6

Square

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



2BBBAE



7EA9EF



EC8CA2



B8A860

Rectangle

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



2BBBAE



15B6E2



EC8CA2



DF986E

Sweetspot

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



2BBBAE



BBF2ED



39BB2B



587A77



FAFAFA



7A7A7A

Same Dimension

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



2BBBAE



13F2DE



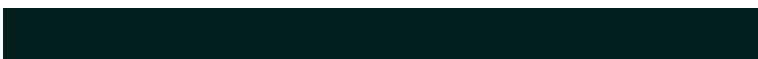
2B81BB



555E5D



009E90



001F1C

Inverse Universe

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



BB2B38



F21328



BB652B



5E5556



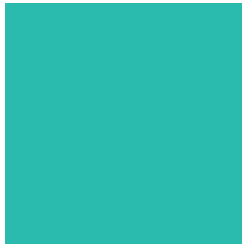
9E000E



1F0003

Previews

White Background



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

Color Contrast Check

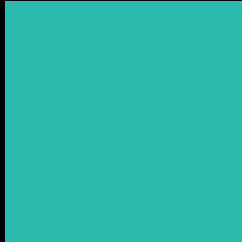
Large Text (above 18pt) WCAG AA × Fail

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 2BBBAE 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 2BBBAE Background



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

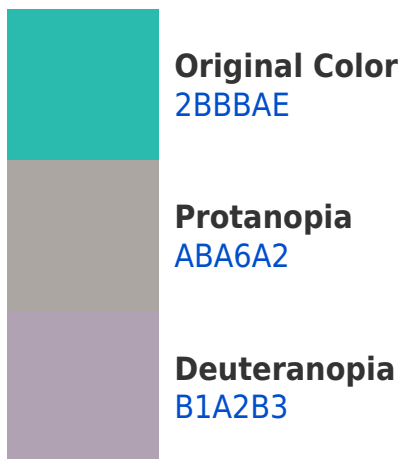


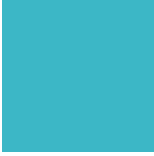
This preview shows how white text looks on a background with the Hex color 2BBBAE.

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
3CB7C6

Trichromacy



Original Color
2BBBAE



Protanomaly
7CAEA6



Deuteranomaly
80ABB1



Tritanomaly
36B8BD

Monochromacy



Original Color
2BBBAE



Achromatopsia
8E8E8E



Achromatomaly
6A9E9A

CSS Examples

Text

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

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

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 #2BBBAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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