

# Converting Colors

Hex(2BBAA1)

Have a look what the booklet for  
Hex(2BBAA1) contains.

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# Color

**Hex(2BBAA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BBAA1
RGB	43, 186, 161
RGB Percent	17%, 73%, 63%
CMY	0.8314, 0.2706, 0.3686
CMYK	0.77, 0.00, 0.13, 0.27
HSL	170°, 62%, 45%
HSV	170°, 77%, 73%
XYZ	24.9882, 38.2046, 39.7754
YIQ	140.3930, -77.2030, -38.0910

# Conversions

## Conversions Part 2

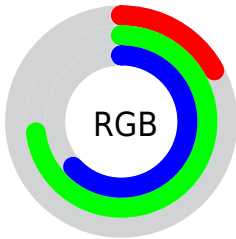
Format	Color
<a href="#">RYB</a>	<a href="#">43, 121, 186</a>
Decimal	<a href="#">2865825</a>
CIELab	<a href="#">68.17, -42.50, 2.15</a>
CIELCh	<a href="#">68, 42.552, 177.102</a>
Yxy	<a href="#">38.2046, 0.2427, 0.3710</a>
Android (android.graphics.Color)	<a href="#">4281055905 (0xFF2BBAA1)</a>
YUV	<a href="#">140.3930, 10.1593, -85.4137</a>
Hunter-Lab	<a href="#">61.8099, -36.0042, 5.1131</a>

# Details

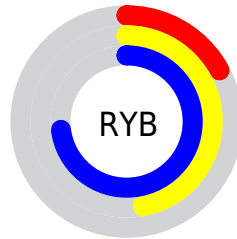
The Hex color **2BBAA1** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BA2B44**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **70F3D8**, and **00846E** is the 20% darker color. If you saturate the color by 10%, you get **18BA9E**, and if you desaturate by 10%, it is **3EBAA4**.

# Distribution



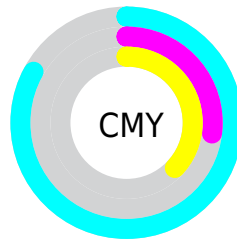
- Red (17%)
- Green (73%)
- Blue (63%)



- Red (17%)
- Yellow (47%)
- Blue (73%)



- Cyan (77%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (83%)
- Magenta (27%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BBAA1 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 2BBAA1 by changing the saturation by 10% instead.



 2BBAA1

 2BBAA1

FFFFFF

 009F87


 70F3D8

 00846E

 8FFFF4

 006A55

 ADFFFF

 00513E

 CBFFFF

 003928

 E9FFFF

 002414

 000000

 2BBAA1

 2BBAA1

 18BA9E

 3EBAA4

06BA9A

50BAA8

00BA99

63BAAB

75BAAE

88BAB1

9BBAB5

ADBAB8

C0BABB

D2BABE

# Harmonies

## Analogous

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



6DB67B



2BBAA1



00BAC8

# Triad

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



2BBAA1



A49EEB



DF9567

# Complementary

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



2BBAA1



BA2B44

# 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.



EF8A85



2BBAA1



D390D0

# Square

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



2BBAA1



61ABF2



EC87AB



C2A358

# Rectangle

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



2BBAA1



00B7DD



EC87AB



E6916F



# Sweetspot

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



2BBAA1



BBF2E9



45BA2B



587A74



FAFAFA



7A7A7A



# Same Dimension

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



2BBAA1



13F2CB



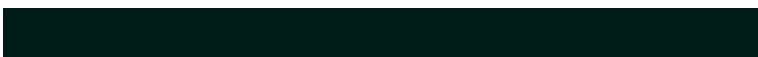
2B8DBA



535C5A



009C80



001C17



# Inverse Universe

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



BA2B44



F2133A



BA582B



5C5354



9C001B

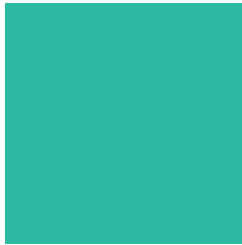


1C0005



# Previews

## White Background



This preview shows how the Hex color 2BBAA1 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 2BBAA1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

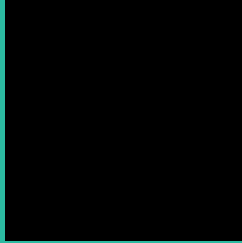
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

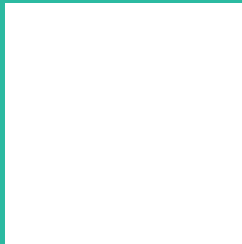
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2BBAA1 Background



This preview shows how black text looks on a background with the Hex color 2BBAA1.

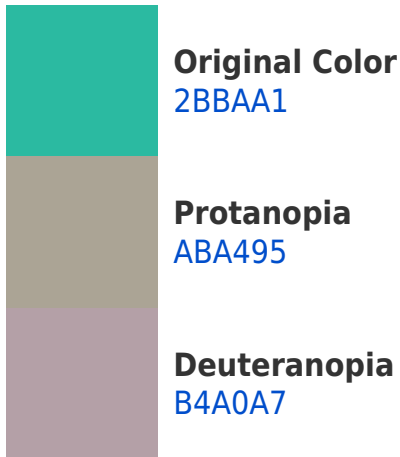


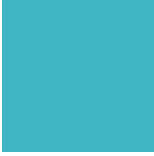
This preview shows how white text looks on a background with the Hex color 2BBAA1.

# 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**  
40B5C4

# Trichromacy



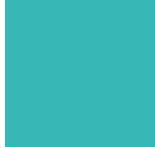
**Original Color**  
2BBAA1



**Protanomaly**  
7CAC99



**Deuteranomaly**  
82A9A5



**Tritanomaly**  
38B7B7

# Monochromacy



**Original Color**  
2BBAA1



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
699D94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BBAA1 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 #2BBAA1 looks like.

```
.text, #text, p{  
    color:#2BBAA1  
}
```

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 #2BBAA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BBAA1
}
```

## Border

The CSS property to change the border of an element to Hex 2BBAA1 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
#2BBAA1 }
```

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

```
.border{ border-color:#2BBAA1 }
```

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

Here you see how a box with a 4 pixel #2BBAA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BBAA1; -webkit-box-shadow:4px 4px  
4px 4px #2BBAA1; box-shadow:4px 4px 4px  
4px #2BBAA1 }
```

# Background

The CSS property to change the background color of an element to Hex 2BBAA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BBAA1 }
```

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

```
.background{ background-color:#2BBAA1 }
```

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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