

# Converting Colors

Hex(2BAB8D)

Have a look what the booklet for  
Hex(2BAB8D) contains.

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**Color**

**Hex(2BAB8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BAB8D
RGB	43, 171, 141
RGB Percent	17%, 67%, 55%
CMY	0.8314, 0.3294, 0.4471
CMYK	0.75, 0.00, 0.18, 0.33
HSL	166°, 60%, 42%
HSV	166°, 75%, 67%
XYZ	20.3669, 31.5625, 30.2180
YIQ	129.3080, -66.6580, -36.4660

# Conversions

## Conversions Part 2

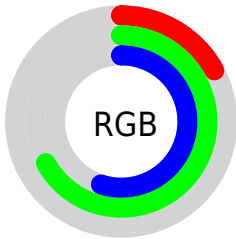
Format	Color
<a href="#">RYB</a>	<a href="#">43, 115, 171</a>
Decimal	<a href="#">2861965</a>
CIELab	<a href="#">62.98, -41.23, 5.72</a>
CIElCh	<a href="#">63, 41.621, 172.107</a>
Yxy	<a href="#">31.5625, 0.2479, 0.3842</a>
Android (android.graphics.Color)	<a href="#">4281052045 (0xFF2BAB8D)</a>
YUV	<a href="#">129.3080, 5.7642, -75.6921</a>
Hunter-Lab	<a href="#">56.1805, -33.6050, 7.4358</a>

# Details

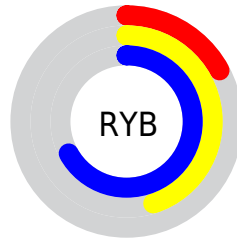
The Hex color **2BAB8D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB2B49**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6CE3C3**, and **00765B** is the 20% darker color. If you saturate the color by 10%, you get **1AAB89**, and if you desaturate by 10%, it is **3CAB91**.

# Distribution



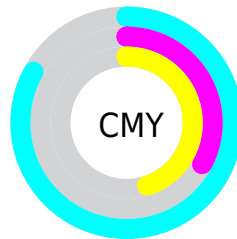
- Red (17%)
- Green (67%)
- Blue (55%)



- Red (17%)
- Yellow (45%)
- Blue (67%)



- Cyan (75%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)



- Cyan (83%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BAB8D 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 2BAB8D by changing the saturation by 10% instead.



 2BAB8D

 2BAB8D

FFFFFF

 009073

 6CE3C3

 00765B

 8AFFDE

 005C43

 A7FFFB

 00442D

 C5FFFF

 002D19

 E3FFFF

 001200

 000000

 2BAB8D

 2BAB8D

 1AAB89

 3CAB91

09AB85

4DAB95

00AB83

5EAB99

6FAB9D

80ABA1

92ABA5

A3ABA9

B4ABAD

C5ABB1

# Harmonies

## Analogous

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



69A769



2BAB8D



00ABB3

# Triad

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



2BAB8D



8D92DD



D3865F

# Complementary

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



2BAB8D



AB2B49

# 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.



DF7C7F



2BAB8D



BD85C6

# Square

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



2BAB8D



459FE1



D97BA4



B8934E

# Rectangle

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



2BAB8D



00A9C9



D97BA4



D88269



# Sweetspot

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



2BAB8D



ADDED2



4BAB2B



537069



F0F0F0



707070



# Same Dimension

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



2BAB8D



16DEAF



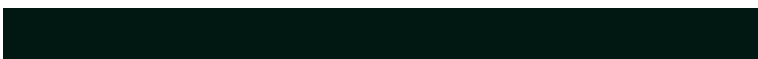
2B8BAB



4E5755



009673



001712



# Inverse Universe

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



AB2B49



DE1645



AB4B2B



574E50



960023

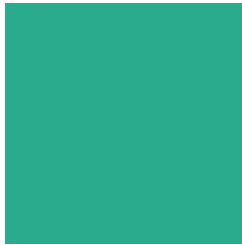


170005



# Previews

## White Background



This preview shows how the Hex color 2BAB8D looks on a white background.

## Color Contrast Check

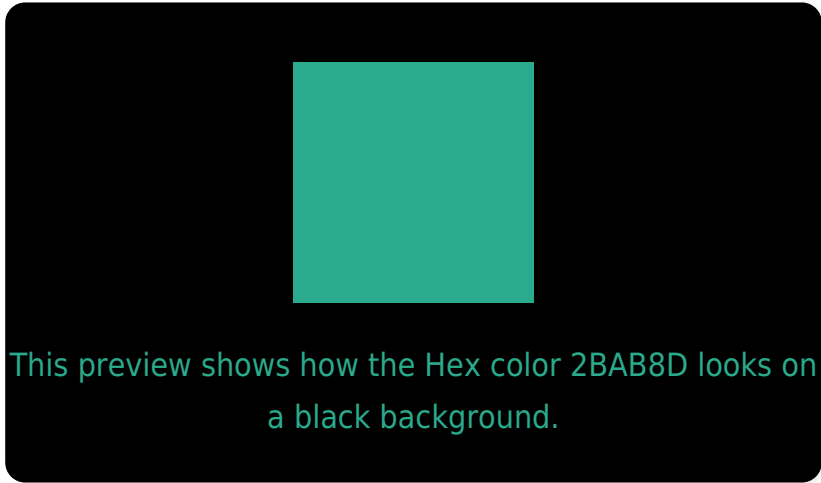
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 2BAB8D Background



This preview shows how black text looks on a background with the Hex color 2BAB8D.

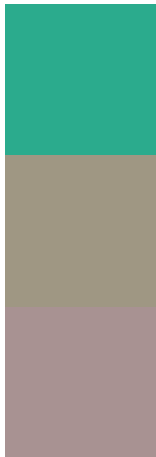


This preview shows how white text looks on a background with the Hex color 2BAB8D.

# 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



**Original Color**  
2BAB8D

**Protanopia**  
9F9783

**Deuteranopia**  
A89292



**Tritanopia**  
40A6B3

# Trichromacy



**Original Color**  
2BAB8D



**Protanomaly**  
759E87



**Deuteranomaly**  
7B9B90



**Tritanomaly**  
38A8A5

# Monochromacy



**Original Color**  
2BAB8D



**Achromatopsia**  
818181



**Achromatomaly**  
629085

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BAB8D 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 #2BAB8D looks like.

```
.text, #text, p{  
    color:#2BAB8D  
}
```

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 #2BAB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAB8D
}
```

## Border

The CSS property to change the border of an element to Hex 2BAB8D 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
#2BAB8D }
```

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

```
.border{ border-color:#2BAB8D }
```

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

Here you see how a box with a 4 pixel #2BAB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAB8D; -webkit-box-shadow:4px 4px  
4px 4px #2BAB8D; box-shadow:4px 4px 4px  
4px #2BAB8D }
```

# Background

The CSS property to change the background color of an element to Hex 2BAB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAB8D }
```

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

```
.background{ background-color:#2BAB8D }
```

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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