

Converting Colors

Hex(2BA89E)

Have a look what the booklet for
Hex(2BA89E) contains.

Hex(2BA89E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2BA89E)

Conversions

Conversions Part 1

Format	Color
Hex	2BA89E
RGB	43, 168, 158
RGB Percent	17%, 66%, 62%
CMY	0.8314, 0.3412, 0.3804
CMYK	0.74, 0.00, 0.06, 0.34
HSL	175°, 59%, 41%
HSV	175°, 74%, 66%
XYZ	21.1704, 30.9875, 37.2131
YIQ	129.4850, -71.2900, -29.6100

Conversions

Conversions Part 2

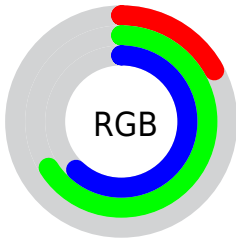
Format	Color
R_{YB}	43, 108, 168
Decimal	2861214
CIE _{Lab}	62.50, -35.26, -4.49
CIE _{LCh}	62, 35.548, 187.261
Yxy	30.9875, 0.2369, 0.3467
Android (android.graphics.Color)	4281051294 (0xFF2BA89E)
YUV	129.4850, 14.0579, -75.8473
Hunter-Lab	55.6664, -29.5310, -0.6690

Details

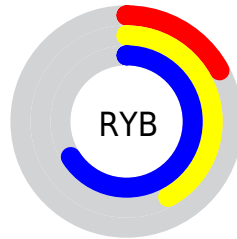
The Hex color **2BA89E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A82B35**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6DE0D5**, and **00736B** is the 20% darker color. If you saturate the color by 10%, you get **1AA89D**, and if you desaturate by 10%, it is **3CA89F**.

Distribution



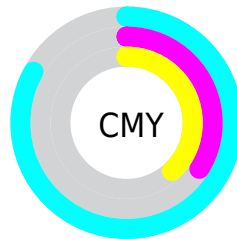
- Red (17%)
- Green (66%)
- Blue (62%)



- Red (17%)
- Yellow (42%)
- Blue (66%)



- Cyan (74%)
- Magenta (0%)
- Yellow (6%)
- Black (34%)



- Cyan (83%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA89E 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 2BA89E by changing the saturation by 10% instead.

 2BA89E

 2BA89E

FFFFFF

 008D84

 6DE0D5

 00736B

 8BFDF1

 005A53

 A8FFFF

 00423C

 C6FFFF

 002B26

 E4FFFF

 001112

 000000

 2BA89E

 2BA89E

 1AA89D

 3CA89F

09A89B

4DA8A1

00A89B

5DA8A2

6EA8A3

7FA8A5

90A8A6

A1A8A7

B1A8A9

C2A8AA

Harmonies

Analogous

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



5BA67E



2BA89E



00A6BC

Triad

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



2BA89E



A58CC9



C08D5D

Complementary

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



2BA89E



A82B35

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.



D18372



2BA89E



C582B0

Square

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



2BA89E



7698D5



D47E91



A49858

Rectangle

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



2BA89E



25A3CB



D47E91



C78963

Sweetspot

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



2BA89E



ABDBD7



35A82B



516E6B



EDEDED



6E6E6E

Same Dimension

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



2BA89E



18DBCC



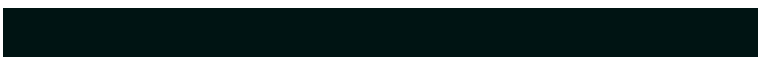
2B74A8



4C5453



009488



001413

Inverse Universe

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



A82B35



DB1828



A85F2B



544C4C



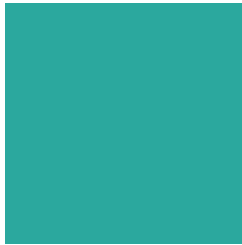
94000C



140002

Previews

White Background



This preview shows how the Hex color 2BA89E 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 2BA89E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

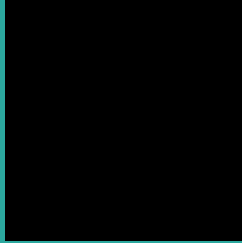
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

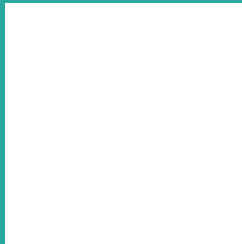
Any Text WCAG AAA ✓ Pass

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

Hex 2BA89E Background



This preview shows how black text looks on a background with the Hex color 2BA89E.

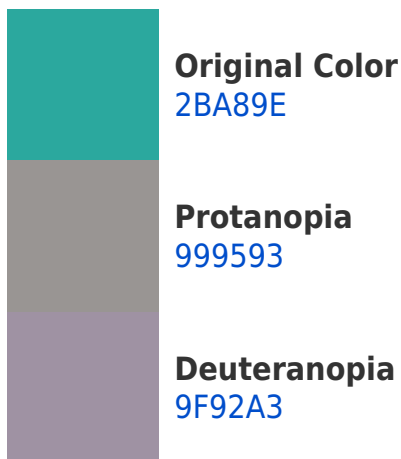


This preview shows how white text looks on a background with the Hex color 2BA89E.

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
38A5B2

Trichromacy



Original Color
2BA89E



Protanomaly
719C97



Deuteranomaly
759AA1



Tritanomaly
33A6AB

Monochromacy



Original Color
2BA89E



Achromatopsia
818181



Achromatomaly
628F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA89E 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 #2BA89E looks like.

```
.text, #text, p{  
    color:#2BA89E  
}
```

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 #2BA89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA89E
}
```

Border

The CSS property to change the border of an element to Hex 2BA89E 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
#2BA89E }
```

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

```
.border{ border-color:#2BA89E }
```

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

Here you see how a box with a 4 pixel #2BA89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA89E; -webkit-box-shadow:4px 4px  
4px 4px #2BA89E; box-shadow:4px 4px 4px  
4px #2BA89E }
```

Background

The CSS property to change the background color of an element to Hex 2BA89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA89E }
```

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

```
.background{ background-color:#2BA89E }
```

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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