

Converting Colors

Hex(1EB8A9)

Have a look what the booklet for
Hex(1EB8A9) contains.

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Color

Hex(1EB8A9)

Conversions

Conversions Part 1

Format	Color
Hex	1EB8A9
RGB	30, 184, 169
RGB Percent	12%, 72%, 66%
CMY	0.8824, 0.2784, 0.3373
CMYK	0.84, 0.00, 0.08, 0.28
HSL	174°, 72%, 42%
HSV	174°, 84%, 72%
XYZ	24.8373, 37.4216, 43.4501
YIQ	136.2440, -86.9690, -37.3130

Conversions

Conversions Part 2

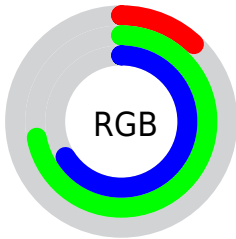
Format	Color
RYB	30, 111, 184
Decimal	2013353
CIELab	67.59, -40.65, -3.12
CIELCh	68, 40.768, 184.390
Yxy	37.4216, 0.2350, 0.3540
Android (android.graphics.Color)	4280203433 (0xFF1EB8A9)
YUV	136.2440, 16.1487, -93.1760
Hunter-Lab	61.1732, -34.5790, 0.7087

Details

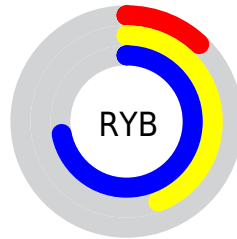
The Hex color **1EB8A9** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B81E2D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6AF1E0**, and **008275** is the 20% darker color. If you saturate the color by 10%, you get **0CB8A7**, and if you desaturate by 10%, it is **30B8AB**.

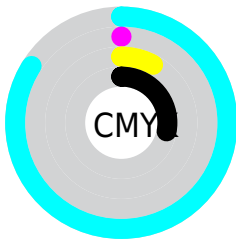
Distribution



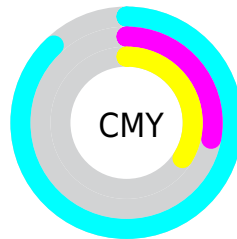
- Red (12%)
- Green (72%)
- Blue (66%)



- Red (12%)
- Yellow (44%)
- Blue (72%)



- Cyan (84%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (88%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EB8A9 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 1EB8A9 by changing the saturation by 10% instead.



1EB8A9



1EB8A9

FFFFFF



009D8F



6AF1E0



008275



89FFFD



00685C



A8FFFF



004F45



C6FFFF



00372F



E5FFFF



00221A



000000



1EB8A9



1EB8A9



0CB8A7



30B8AB

00B8A6

43B8AD

55B8AE

68B8B0

7AB8B2

8CB8B4

9FB8B6

B1B8B7

C4B8B9

Harmonies

Analogous

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



62B584



1EB8A9



00B7CD

Triad

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



1EB8A9



B099E1



D69763

Complementary

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



1EB8A9



B81E2D

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.



E88C7D



1EB8A9



D78DC5

Square

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



1EB8A9



75A7EE



EA87A1



B7A45A

Rectangle

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



1EB8A9



00B3DF



EA87A1



DE936A

Sweetspot

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



1EB8A9



B4F0EA



2DB81E



547874



F7F7F7



787878

Same Dimension

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



1EB8A9



00F0D8



1E7AB8



535C5B



009C8C



001C19

Inverse Universe

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



B81E2D



F00017



B85C1E



5C5354



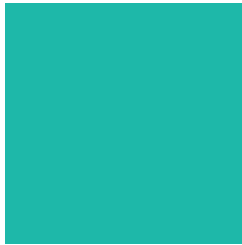
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color 1EB8A9 looks on a white background.

Color Contrast Check

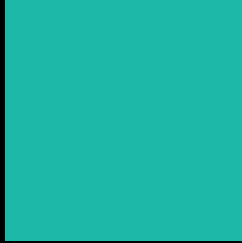
Large Text (above 18pt) WCAG AA × Fail

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 1EB8A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

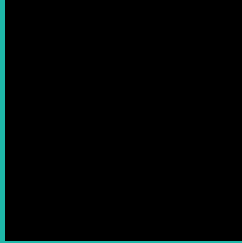
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

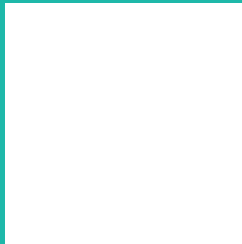
Any Text WCAG AAA ✓ Pass

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

Hex 1EB8A9 Background



This preview shows how black text looks on a background with the Hex color 1EB8A9.

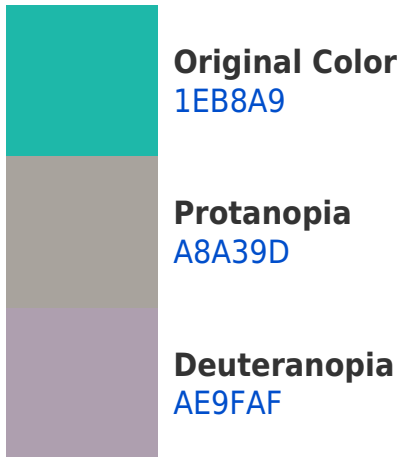


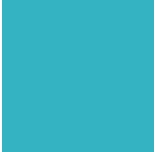
This preview shows how white text looks on a background with the Hex color 1EB8A9.

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
34B4C3

Trichromacy



Original Color
1EB8A9



Protanomaly
76ABA1



Deuteranomaly
7AA8AD



Tritanomaly
2CB5BA

Monochromacy



Original Color
1EB8A9



Achromatopsia
888888



Achromatomaly
619994

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EB8A9 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 #1EB8A9 looks like.

```
.text, #text, p{  
    color:#1EB8A9  
}
```

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 #1EB8A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EB8A9
}
```

Border

The CSS property to change the border of an element to Hex 1EB8A9 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
#1EB8A9 }
```

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

```
.border{ border-color:#1EB8A9 }
```

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

Here you see how a box with a 4 pixel #1EB8A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EB8A9; -webkit-box-shadow:4px 4px  
4px 4px #1EB8A9; box-shadow:4px 4px 4px  
4px #1EB8A9 }
```

Background

The CSS property to change the background color of an element to Hex 1EB8A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EB8A9 }
```

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

```
.background{ background-color:#1EB8A9 }
```

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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