

Converting Colors

Hex(13B8AF)

Have a look what the booklet for
Hex(13B8AF) contains.

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Color

Hex(13B8AF)

Conversions

Conversions Part 1

Format	Color
Hex	13B8AF
RGB	19, 184, 175
RGB Percent	7%, 72%, 69%
CMY	0.9255, 0.2784, 0.3137
CMYK	0.90, 0.00, 0.05, 0.28
HSL	177°, 81%, 40%
HSV	177°, 90%, 72%
XYZ	25.1469, 37.5146, 46.4731
YIQ	133.6390, -95.4510, -37.7790

Conversions

Conversions Part 2

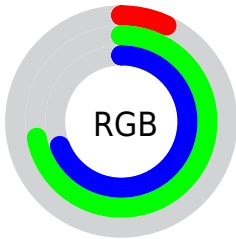
Format	Color
R _Y B	19, 104, 184
Decimal	1292463
CIE Lab	67.66, -39.62, -6.34
CIE LCh	68, 40.128, 189.090
Yxy	37.5146, 0.2304, 0.3437
Android (android.graphics.Color)	4279482543 (0xFF13B8AF)
YUV	133.6390, 20.3910, -100.5384
Hunter-Lab	61.2491, -33.8997, -2.1122

Details

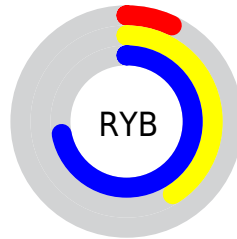
The Hex color **13B8AF** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B8131C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **67F1E6**, and **00827B** is the 20% darker color. If you saturate the color by 10%, you get **01B8AE**, and if you desaturate by 10%, it is **25B8B0**.

Distribution



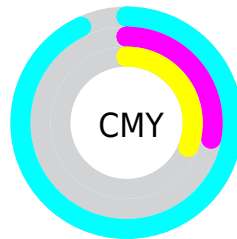
- Red (7%)
- Green (72%)
- Blue (69%)



- Red (7%)
- Yellow (41%)
- Blue (72%)



- Cyan (90%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (93%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13B8AF 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 13B8AF by changing the saturation by 10% instead.

 13B8AF

 13B8AF

FFFFFF

 009D94

 67F1E6

 00827B

 87FFFF

 006862

 A6FFFF

 004F4A

 C4FFFF

 003734

 E3FFFF

 00231E

 000006

 000000

 13B8AF

 13B8AF

■ 01B8AE

■ 25B8B0

■ 00B8AE

■ 38B8B1

■ 4AB8B2

■ 5DB8B3

■ 6FB8B4

■ 81B8B5

■ 94B8B6

■ A6B8B7

■ B9B8B8

Harmonies

Analogous

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



5BB68A



13B8AF



00B6D1

Triad

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



13B8AF



B797DD



D19A62

Complementary

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



13B8AF



B8131C

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.



E68E79



13B8AF



DB8CBF

Square

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



13B8AF



81A5EC



EA889B



B1A65C

Rectangle

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



13B8AF



0FB2E2



EA889B



DA9668

Sweetspot

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



13B8AF



AFF0EC



1EB813



517876



F7F7F7



787878

Same Dimension

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



13B8AF



00F0E3



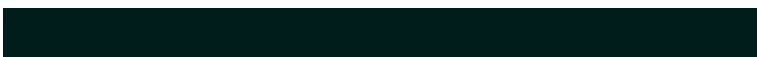
1371B8



535C5B



009C93



001C1B

Inverse Universe

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



B8131C



F0000D



B85A13



5C5353



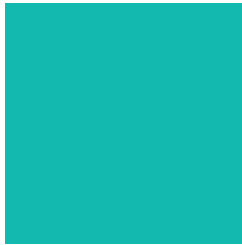
9C0008



1C0002

Previews

White Background



This preview shows how the Hex color 13B8AF 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 13B8AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

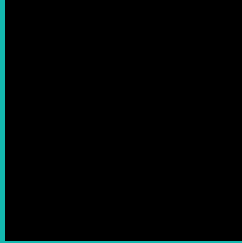
Any Text WCAG AA ✓ Pass

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 13B8AF Background



This preview shows how black text looks on a background with the Hex color 13B8AF.

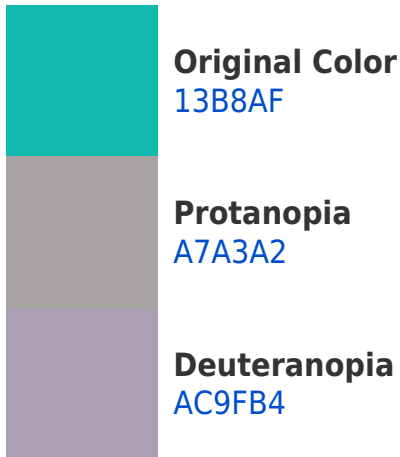


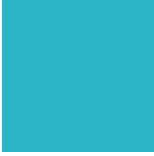
This preview shows how white text looks on a background with the Hex color 13B8AF.

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](#).

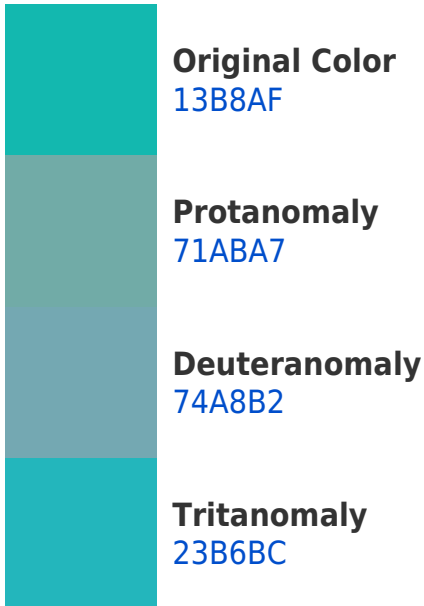
Dichromacy



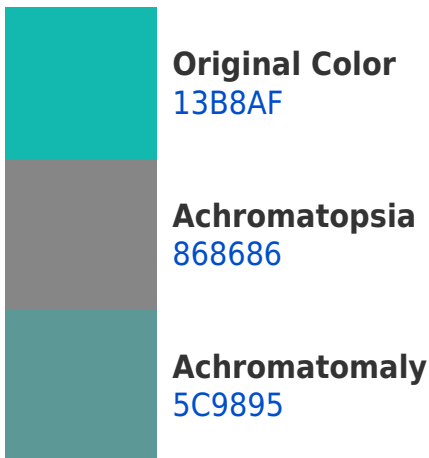


Tritanopia
2CB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13B8AF 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 #13B8AF looks like.

```
.text, #text, p{  
    color:#13B8AF  
}
```

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 #13B8AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13B8AF
}
```

Border

The CSS property to change the border of an element to Hex 13B8AF 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
#13B8AF }
```

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

```
.border{ border-color:#13B8AF }
```

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

Here you see how a box with a 4 pixel #13B8AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13B8AF; -webkit-box-shadow:4px 4px  
4px 4px #13B8AF; box-shadow:4px 4px 4px  
4px #13B8AF }
```

Background

The CSS property to change the background color of an element to Hex 13B8AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13B8AF }
```

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

```
.background{ background-color:#13B8AF }
```

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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