

Converting Colors

Hex(18AE88)

Have a look what the booklet for
Hex(18AE88) contains.

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Color

Hex(18AE88)

Conversions

Conversions Part 1

Format	Color
Hex	18AE88
RGB	24, 174, 136
RGB Percent	9%, 68%, 53%
CMY	0.9059, 0.3176, 0.4667
CMYK	0.86, 0.00, 0.22, 0.32
HSL	165°, 76%, 39%
HSV	165°, 86%, 68%
XYZ	19.9567, 32.2439, 28.4644
YIQ	124.8180, -77.2020, -43.6180

Conversions

Conversions Part 2

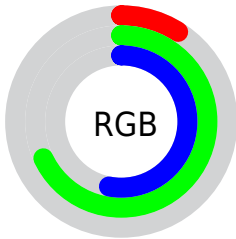
Format	Color
RYB	24, 110, 174
Decimal	1617544
CIELab	63.54, -45.68, 9.26
CIELCh	64, 46.611, 168.538
Yxy	32.2439, 0.2474, 0.3997
Android (android.graphics.Color)	4279807624 (0xFF18AE88)
YUV	124.8180, 5.5127, -88.4174
Hunter-Lab	56.7837, -36.6375, 10.0278

Details

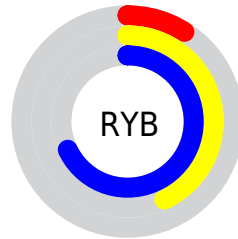
The Hex color **18AE88** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE183E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **64E6BD**, and **007856** is the 20% darker color. If you saturate the color by 10%, you get **07AE84**, and if you desaturate by 10%, it is **29AE8C**.

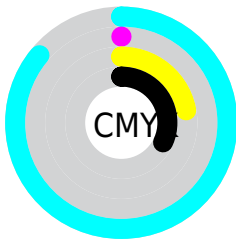
Distribution



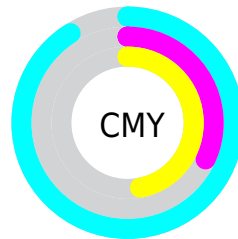
- Red (9%)
- Green (68%)
- Blue (53%)



- Red (9%)
- Yellow (43%)
- Blue (68%)



- Cyan (86%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)




- Cyan (91%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18AE88 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 18AE88 by changing the saturation by 10% instead.

 18AE88

 18AE88

FFFFFF

 00936F

 64E6BD

 007856

 82FFD9

 005F3F

 A0FFF6

 004629

 BEFFFF

 002F14

 DCFFFF

 001500

 FAFFFF

 000000

 18AE88

 18AE88

 07AE84

 29AE8C

■ 00AE82

■ 3BAE91

■ 4CAE95

■ 5EAE9A

■ 6FAE9E

■ 80AEA2

■ 92AEA7

■ A3AEAB

■ B5AEBO

Harmonies

Analogous

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



69A961



18AE88



00AFB3

Triad

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



18AE88



8395E9



DC835D

Complementary

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



18AE88



AE183E

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.



E87882



18AE88



BD85D1

Square

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



18AE88



0EA3EB



DF79AC



C09247

Rectangle

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



18AE88



00ADCC



DF79AC



E27E68

Sweetspot

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



18AE88



A8E3D4



40AE18



4F736A



F2F2F2



737373

Same Dimension

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



18AE88



00E3A9



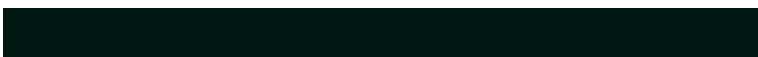
188BAE



4E5755



009670



001711

Inverse Universe

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



AE183E



E30039



AE3B18



574E50



960026



170006

Previews

White Background



This preview shows how the Hex color 18AE88 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 18AE88 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

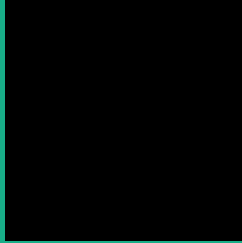
Any Text WCAG AA ✓ Pass

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 18AE88 Background



This preview shows how black text looks on a background with the Hex color 18AE88.

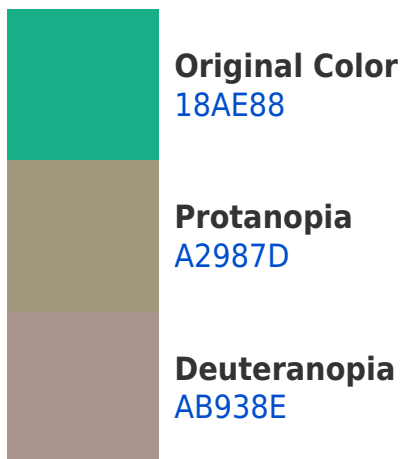


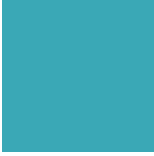
This preview shows how white text looks on a background with the Hex color 18AE88.

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
3AA8B6

Trichromacy



Original Color
18AE88



Protanomaly
70A081



Deuteranomaly
769D8C



Tritanomaly
2EAAA5

Monochromacy



Original Color
18AE88



Achromatopsia
7D7D7D



Achromatomaly
588F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 18AE88 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 #18AE88 looks like.

```
.text, #text, p{  
    color:#18AE88  
}
```

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 #18AE88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18AE88  
}
```

Border

The CSS property to change the border of an element to Hex 18AE88 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  
#18AE88 }
```

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

```
.border{ border-color:#18AE88 }
```

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

Here you see how a box with a 4 pixel #18AE88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18AE88; -webkit-box-shadow:4px 4px  
4px 4px #18AE88; box-shadow:4px 4px 4px  
4px #18AE88 }
```

Background

The CSS property to change the background color of an element to Hex 18AE88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18AE88 }
```

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

```
.background{ background-color:#18AE88 }
```

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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