

Converting Colors

Hex(18A7A0)

Have a look what the booklet for
Hex(18A7A0) contains.

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Color

Hex(18A7A0)

Conversions

Conversions Part 1

Format	Color
Hex	18A7A0
RGB	24, 167, 160
RGB Percent	9%, 65%, 63%
CMY	0.9059, 0.3451, 0.3725
CMYK	0.86, 0.00, 0.04, 0.35
HSL	177°, 75%, 37%
HSV	177°, 86%, 65%
XYZ	20.5406, 30.3697, 38.0370
YIQ	123.4450, -82.9810, -32.4930

Conversions

Conversions Part 2

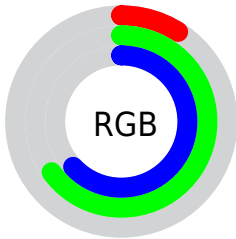
Format	Color
RYB	24, 97, 167
Decimal	1615776
CIELab	61.97, -36.04, -6.42
CIELCh	62, 36.603, 190.106
Yxy	30.3697, 0.2309, 0.3414
Android (android.graphics.Color)	4279805856 (0xFF18A7A0)
YUV	123.4450, 18.0216, -87.2133
Hunter-Lab	55.1087, -29.9082, -2.3470

Details

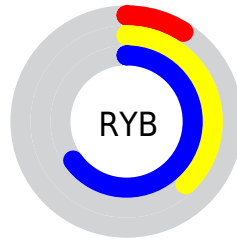
The Hex color **18A7A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A7181F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **64DFD7**, and **00726D** is the 20% darker color. If you saturate the color by 10%, you get **07A79F**, and if you desaturate by 10%, it is **29A7A1**.

Distribution



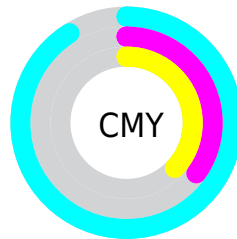
- Red (9%)
- Green (65%)
- Blue (63%)



- Red (9%)
- Yellow (38%)
- Blue (65%)



- Cyan (86%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (91%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A7A0 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 18A7A0 by changing the saturation by 10% instead.

 18A7A0

 18A7A0

FFFFFF

 008C86

 64DFD7

 00726D

 83FCF3

 005954

 A1FFFF

 00413D

 BFFFFFF

 002A28

 DDDFFF

 000E14

 FBFFFF

 000000

 18A7A0

 18A7A0

 07A79F

 29A7A1

■ 00A79F

■ 39A7A2

■ 4AA7A2

■ 5BA7A3

■ 6BA7A4

■ 7CA7A5

■ 8DA7A6

■ 9EA7A7

■ AEA7A7

Harmonies

Analogous

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



53A57F



18A7A0



00A5BF

Triad

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



18A7A0



A789C7



BD8C59

Complementary

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



18A7A0



A7181F

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.



D0826E



18A7A0



C77FAD

Square

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



18A7A0



7895D5



D47C8C



A09755

Rectangle

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



18A7A0



1EA2CD



D47C8C



C5885E

Sweetspot

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



18A7A0



A0D9D6



1FA718



4C6E6C



EDEDED



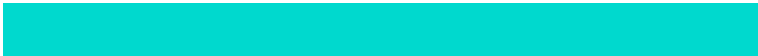
6E6E6E

Same Dimension

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



18A7A0



00D9CE



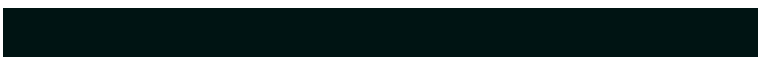
1867A7



4C5454



00948D



001413

Inverse Universe

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



A7181F



D9000B



A75818



544C4C



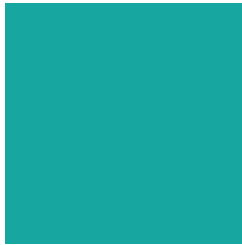
940007



140001

Previews

White Background



This preview shows how the Hex color 18A7A0 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 18A7A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

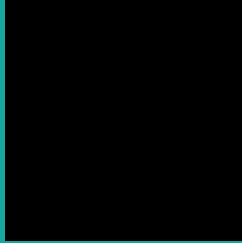
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

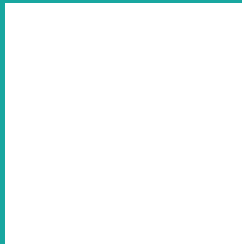
Any Text WCAG AAA ✓ Pass

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

Hex 18A7A0 Background



This preview shows how black text looks on a background with the Hex color 18A7A0.

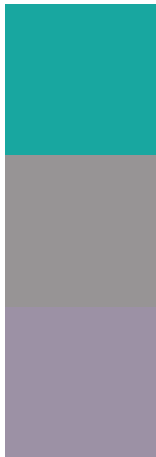


This preview shows how white text looks on a background with the Hex color 18A7A0.

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
18A7A0

Protanopia
979495

Deuteranopia
9C91A5



Tritanopia
2AA4B2

Trichromacy



Original Color
18A7A0



Protanomaly
699B99



Deuteranomaly
6C99A3



Tritanomaly
23A5AB

Monochromacy



Original Color
18A7A0



Achromatopsia
7B7B7B



Achromatomaly
578B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 18A7A0 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 #18A7A0 looks like.

```
.text, #text, p{  
    color:#18A7A0  
}
```

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 #18A7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A7A0
}
```

Border

The CSS property to change the border of an element to Hex 18A7A0 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
#18A7A0 }
```

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

```
.border{ border-color:#18A7A0 }
```

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

Here you see how a box with a 4 pixel #18A7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A7A0; -webkit-box-shadow:4px 4px  
4px 4px #18A7A0; box-shadow:4px 4px 4px  
4px #18A7A0 }
```

Background

The CSS property to change the background color of an element to Hex 18A7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A7A0 }
```

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

```
.background{ background-color:#18A7A0 }
```

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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