

Converting Colors

Hex(18A9A2)

Have a look what the booklet for
Hex(18A9A2) contains.

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Color

Hex(18A9A2)

Conversions

Conversions Part 1

Format	Color
Hex	18A9A2
RGB	24, 169, 162
RGB Percent	9%, 66%, 64%
CMY	0.9059, 0.3373, 0.3647
CMYK	0.86, 0.00, 0.04, 0.34
HSL	177°, 75%, 38%
HSV	177°, 86%, 66%
XYZ	21.0862, 31.1788, 39.0892
YIQ	124.8470, -84.1730, -32.9170

Conversions

Conversions Part 2

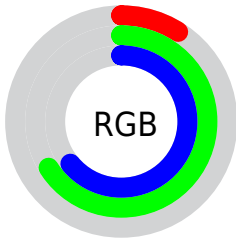
Format	Color
R_{YB}	24, 98, 169
Decimal	1616290
CIE Lab	62.66, -36.36, -6.53
CIE LCh	63, 36.941, 190.176
Yxy	31.1788, 0.2308, 0.3413
Android (android.graphics.Color)	4279806370 (0xFF18A9A2)
YUV	124.8470, 18.3164, -88.4428
Hunter-Lab	55.8379, -30.3089, -2.4192

Details

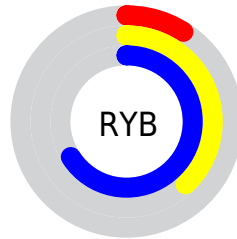
The Hex color **18A9A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A9181F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **65E1D9**, and **00746F** is the 20% darker color. If you saturate the color by 10%, you get **07A9A1**, and if you desaturate by 10%, it is **29A9A3**.

Distribution



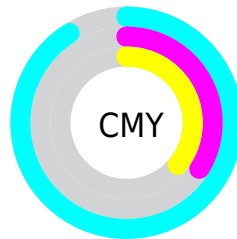
- Red (9%)
- Green (66%)
- Blue (64%)



- Red (9%)
- Yellow (38%)
- Blue (66%)



- Cyan (86%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (91%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A9A2 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 18A9A2 by changing the saturation by 10% instead.

 18A9A2

 18A9A2

FFFFFF

 008E88


 65E1D9

 00746F

 83FEF5

 005B56

 A1FFFF

 00433F

 BFFFFF

 002C29

 DEFFFF

 001215

 FCFFFF

 000000

 18A9A2

 18A9A2

 07A9A1

 29A9A3

■ 00A9A1

■ 3AA9A4

■ 4BA9A4

■ 5CA9A5

■ 6CA9A6

■ 7DA9A7

■ 8EA9A8

■ 9FA9A9

■ B0A9A9

Harmonies

Analogous

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



54A780



18A9A2



00A7C1

Triad

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



18A9A2



AA8BCA



BF8E5A

Complementary

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



18A9A2



A9181F

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.



D2836F



18A9A2



C981AF

Square

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



18A9A2



7997D8



D77E8D



A29956

Rectangle

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



18A9A2



1FA3D0



D77E8D



C78A5F

Sweetspot

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



18A9A2



A2DBD9



1FA918



4C6E6C



EDEDED



6E6E6E

Same Dimension

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



18A9A2



00DBD1



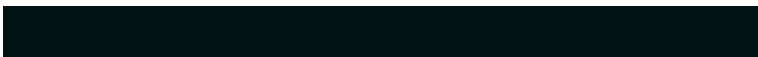
1868A9



4C5454



00948D



001413

Inverse Universe

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



A9181F



DB000B



A95918



544C4C



940007



140001

Previews

White Background



This preview shows how the Hex color 18A9A2 looks on a white background.

Color Contrast Check

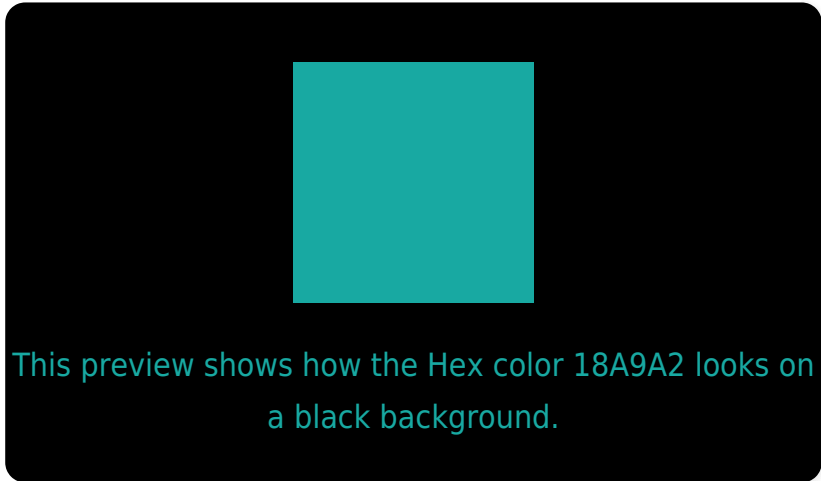
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

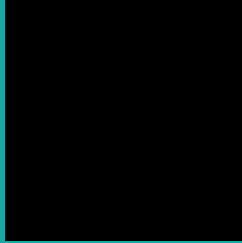
Any Text WCAG AA ✓ Pass

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 18A9A2 Background



This preview shows how black text looks on a background with the Hex color 18A9A2.

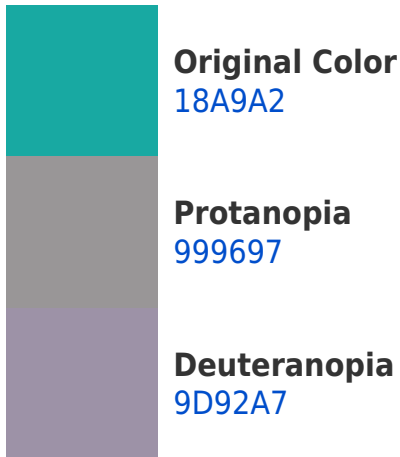


This preview shows how white text looks on a background with the Hex color 18A9A2.

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
2BA6B4

Trichromacy



Original Color
18A9A2



Protanomaly
6A9D9B



Deuteranomaly
6D9AA5



Tritanomaly
24A7AD

Monochromacy



Original Color
18A9A2



Achromatopsia
7D7D7D



Achromatomaly
588D8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 18A9A2 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 #18A9A2 looks like.

```
.text, #text, p{  
    color:#18A9A2  
}
```

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 #18A9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A9A2
}
```

Border

The CSS property to change the border of an element to Hex 18A9A2 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
#18A9A2 }
```

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

```
.border{ border-color:#18A9A2 }
```

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

Here you see how a box with a 4 pixel #18A9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A9A2; -webkit-box-shadow:4px 4px  
4px 4px #18A9A2; box-shadow:4px 4px 4px  
4px #18A9A2 }
```

Background

The CSS property to change the background color of an element to Hex 18A9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A9A2 }
```

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

```
.background{ background-color:#18A9A2 }
```

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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