

Converting Colors

Hex(19A093)

Have a look what the booklet for
Hex(19A093) contains.

Hex(19A093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(19A093)

Conversions

Conversions Part 1

Format	Color
Hex	19A093
RGB	25, 160, 147
RGB Percent	10%, 63%, 58%
CMY	0.9020, 0.3725, 0.4235
CMYK	0.84, 0.00, 0.08, 0.37
HSL	174°, 73%, 36%
HSV	174°, 84%, 63%
XYZ	18.2382, 27.4549, 31.9418
YIQ	118.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

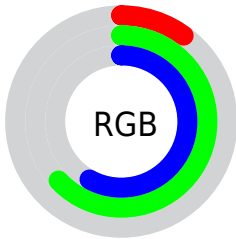
Format	Color
R_{YB}	25, 96, 160
Decimal	1679507
CIE _{Lab}	59.39, -36.58, -2.90
CIE _{LCh}	59, 36.692, 184.538
Yxy	27.4549, 0.2349, 0.3536
Android (android.graphics.Color)	4279869587 (0xFF19A093)
YUV	118.1530, 14.2216, -81.6952
Hunter-Lab	52.3974, -29.5642, 0.5346

Details

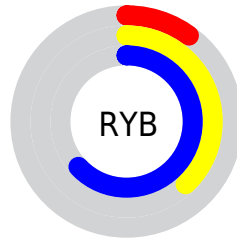
The Hex color **19A093** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A01926**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62D7C9**, and **006C61** is the 20% darker color. If you saturate the color by 10%, you get **09A091**, and if you desaturate by 10%, it is **29A095**.

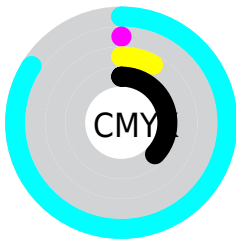
Distribution



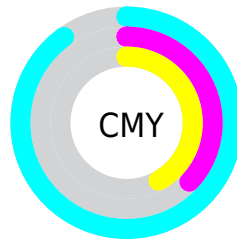
- Red (10%)
- Green (63%)
- Blue (58%)



- Red (10%)
- Yellow (38%)
- Blue (63%)



- Cyan (84%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)



- Cyan (90%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19A093 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 19A093 by changing the saturation by 10% instead.

 19A093

 19A093

FFFFFF

 008579

 62D7C9

 006C61

 80F4E5

 005349

 9EFFFF

 003B32

 BBFFFF

 00261D

 D9FFFF

 000005

 F7FFFF

 000000

 19A093

 19A093

 09A091

 29A095

■ 00A091

■ 39A096

■ 49A098

■ 59A099

■ 69A09B

■ 79A09C

■ 89A09E

■ 99A09F

■ A9A0A1

Harmonies

Analogous

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



549E72



19A093



009FB3

Triad

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



19A093



9985C4



BA8355

Complementary

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



19A093



A01926

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.



CA796C



19A093



BB7AAB

Square

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



19A093



6691CF



CC758B



9F8F4E

Rectangle

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



19A093



009CC3



CC758B



C1805C

Sweetspot

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



19A093



9DD1CC



27A019



496966



E8E8E8



696969

Same Dimension

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



19A093



00D1BD



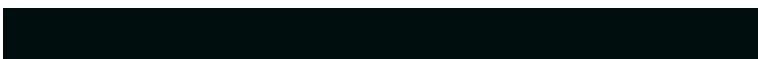
196AA0



474F4E



008F81



000F0E

Inverse Universe

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



A01926



D10014



A04F19



4F4748



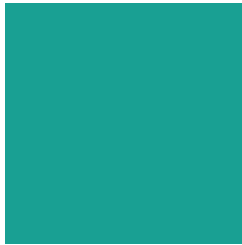
8F000E



0F0001

Previews

White Background



This preview shows how the Hex color 19A093 looks on a white background.

Color Contrast Check

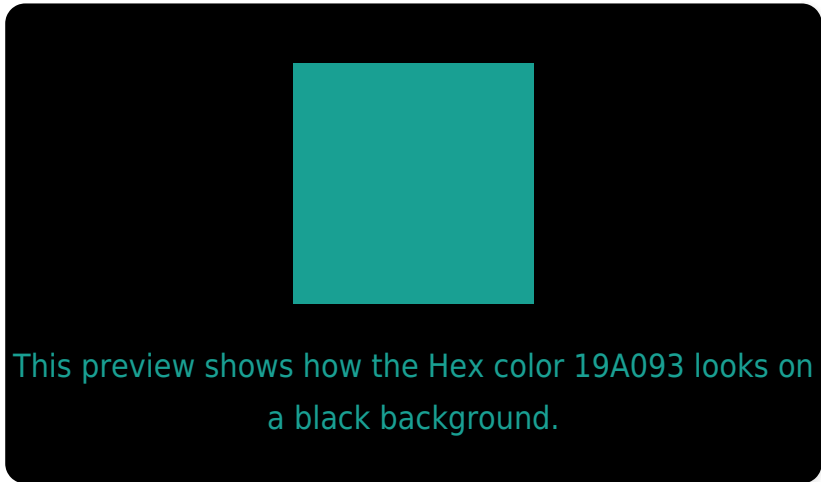
Large Text (above 18pt) WCAG AA ✓ Pass

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

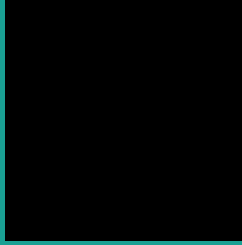
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 19A093 Background



This preview shows how black text looks on a background with the Hex color 19A093.

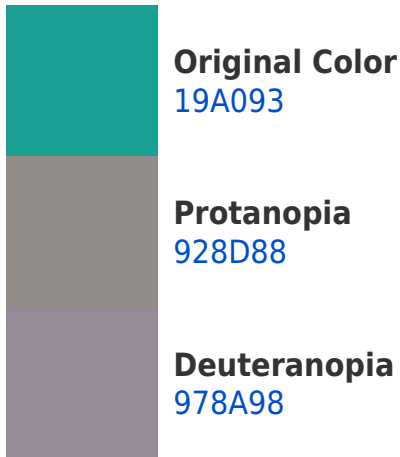


This preview shows how white text looks on a background with the Hex color 19A093.

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
2D9DA9

Trichromacy



Original Color
19A093



Protanomaly
66948C



Deuteranomaly
699296



Tritanomaly
269EA1

Monochromacy



Original Color
19A093



Achromatopsia
767676



Achromatomaly
548581

CSS Examples

Text

The CSS property to change the color of the text to Hex 19A093 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 #19A093 looks like.

```
.text, #text, p{  
    color:#19A093  
}
```

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 #19A093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A093  
}
```

Border

The CSS property to change the border of an element to Hex 19A093 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  
#19A093 }
```

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

```
.border{ border-color:#19A093 }
```

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

Here you see how a box with a 4 pixel #19A093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A093; -webkit-box-shadow:4px 4px  
4px 4px #19A093; box-shadow:4px 4px 4px  
4px #19A093 }
```

Background

The CSS property to change the background color of an element to Hex 19A093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A093 }
```

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

```
.background{ background-color:#19A093 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor