

Converting Colors

Hex(00A195)

Have a look what the booklet for
Hex(00A195) contains.

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Color

Hex(00A195)

Conversions

Conversions Part 1

Format	Color
Hex	00A195
RGB	0, 161, 149
RGB Percent	0%, 63%, 58%
CMY	1.0000, 0.3686, 0.4157
CMYK	1.00, 0.00, 0.07, 0.37
HSL	176°, 100%, 32%
HSV	176°, 100%, 63%
XYZ	18.1697, 27.6597, 32.8150
YIQ	111.4930, -92.1040, -37.8640

Conversions

Conversions Part 2

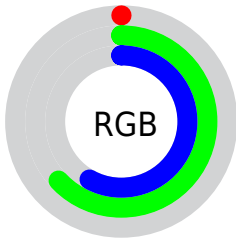
Format	Color
RYB	0, 84, 161
Decimal	41365
CIELab	59.58, -37.74, -3.78
CIELCh	60, 37.934, 185.720
Yxy	27.6597, 0.2310, 0.3517
Android (android.graphics.Color)	4278231445 (0xFF00A195)
YUV	111.4930, 18.4910, -97.7794
Hunter-Lab	52.5925, -30.3685, -0.1792

Details

The Hex color **00A195** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A1000C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5CD8CB**, and **006C62** is the 20% darker color. If you saturate the color by 10%, you get **00A195**, and if you desaturate by 10%, it is **10A196**.

Distribution



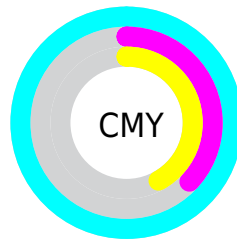
- Red (0%)
- Green (63%)
- Blue (58%)



- Red (0%)
- Yellow (33%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A195 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 00A195 by changing the saturation by 10% instead.

 00A195

 00A195

FFFFFF

 00867B

 5CD8CB

 006C62

 7BF5E7

 00534B

 99FFFF

 003B34

 B6FFFF

 00271F

 D4FFFF

 000007

 F3FFFF

 000000

 00A195

 10A196

 20A197

 30A199


 40A19A

 51A19B

 61A19C

 71A19D

 81A19F

 91A1A0

Harmonies

Analogous

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



509F73



00A195



00A0B5

Triad

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



00A195



9B84C6



BB8453

Complementary

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



00A195



A1000C

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.



CC796A



00A195



BE79AC

Square

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



00A195



6791D2



CF758A



9E904C

Rectangle

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



00A195



009DC6



CF758A



C28059

Sweetspot

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



00A195



92D1CC



0DA100



436966



E8E8E8



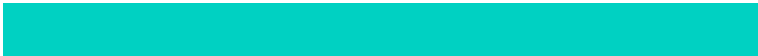
696969

Same Dimension

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



00A195



00D1C2



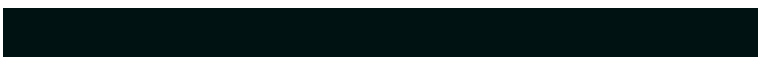
005EA1



495251



009187



001211

Inverse Universe

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



A1000C



D10010



A14300



52494A



91000B



120001

Previews

White Background



This preview shows how the Hex color 00A195 looks on a white background.

Color Contrast Check

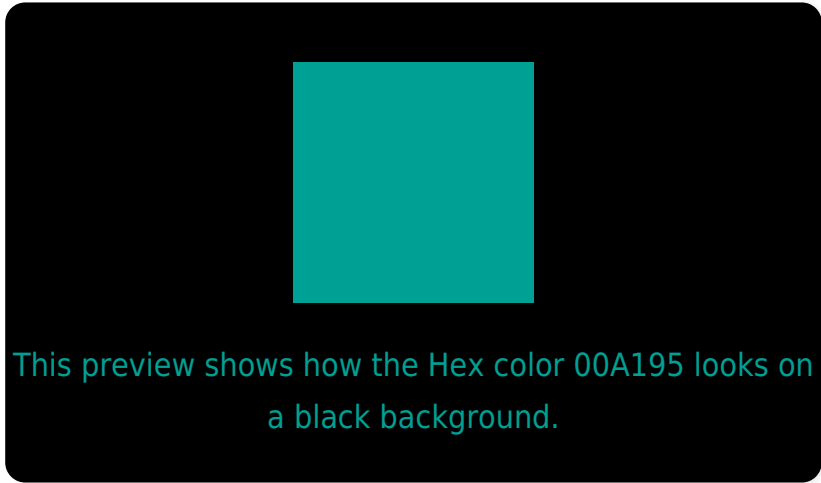
Large Text (above 18pt) WCAG AA ✓ Pass

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

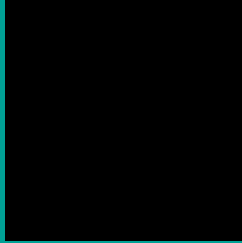
Any Text WCAG AA ✓ Pass

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 00A195 Background



This preview shows how black text looks on a background with the Hex color 00A195.

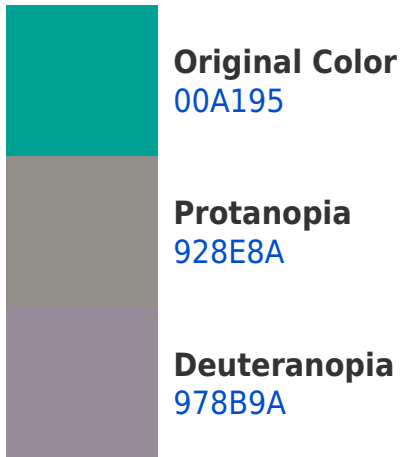


This preview shows how white text looks on a background with the Hex color 00A195.

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
269EAB

Trichromacy



Original Color
00A195



Protanomaly
5D958E



Deuteranomaly
609398



Tritanomaly
189FA3

Monochromacy



Original Color
00A195



Achromatopsia
6F6F6F



Achromatomaly
47817D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A195 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 #00A195 looks like.

```
.text, #text, p{  
    color:#00A195  
}
```

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 #00A195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A195  
}
```

Border

The CSS property to change the border of an element to Hex 00A195 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  
#00A195 }
```

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

```
.border{ border-color:#00A195 }
```

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

Here you see how a box with a 4 pixel #00A195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A195; -webkit-box-shadow:4px 4px  
4px 4px #00A195; box-shadow:4px 4px 4px  
4px #00A195 }
```

Background

The CSS property to change the background color of an element to Hex 00A195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A195 }
```

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

```
.background{ background-color:#00A195 }
```

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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