

Converting Colors

Hex(00A18E)

Have a look what the booklet for
Hex(00A18E) contains.

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Color

Hex(00A18E)

Conversions

Conversions Part 1

Format	Color
Hex	00A18E
RGB	0, 161, 142
RGB Percent	0%, 63%, 56%
CMY	1.0000, 0.3686, 0.4431
CMYK	1.00, 0.00, 0.12, 0.37
HSL	173°, 100%, 32%
HSV	173°, 100%, 63%
XYZ	17.6274, 27.4427, 29.9591
YIQ	110.6950, -89.8570, -40.0410

Conversions

Conversions Part 2

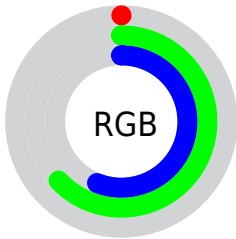
Format	Color
RYB	0, 86, 161
Decimal	41358
CIELab	59.38, -39.79, -0.11
CIELCh	59, 39.786, 180.164
Yxy	27.4427, 0.2349, 0.3658
Android (android.graphics.Color)	4278231438 (0xFF00A18E)
YUV	110.6950, 15.4334, -97.0795
Hunter-Lab	52.3858, -31.6115, 2.7625

Details

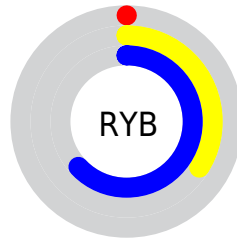
The Hex color **00A18E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10013**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5BD9C4**, and **006C5C** is the 20% darker color. If you saturate the color by 10%, you get **00A18E**, and if you desaturate by 10%, it is **10A190**.

Distribution



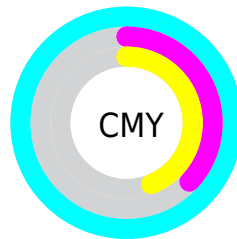
- Red (0%)
- Green (63%)
- Blue (56%)



- Red (0%)
- Yellow (34%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A18E 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 00A18E by changing the saturation by 10% instead.

 00A18E

 00A18E

FFFFFF

 008674

 5BD9C4

 006C5C

 7AF5E0

 005344

 98FFFC

 003B2E

 B5FFFF

 00271A

 D3FFFF

 000000

 F2FFFF

 00A18E

 10A190

 20A192

 30A194

 40A196

 51A198

 61A199

 71A19B

 81A19D

 91A19F

Harmonies

Analogous

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



559E6B



00A18E



00A0B1

Triad

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



00A18E



9286CB



C08153

Complementary

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



00A18E



A10013

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.



D0766E



00A18E



BB79B2

Square

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



00A18E



5692D5



CF7290



A48D48

Rectangle

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



00A18E



009EC4



CF7290



C77D5B

Sweetspot

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



00A18E



92D1CA



15A100



436964



E8E8E8



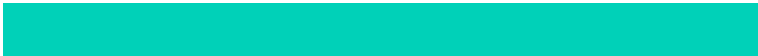
696969

Same Dimension

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



00A18E



00D1B8



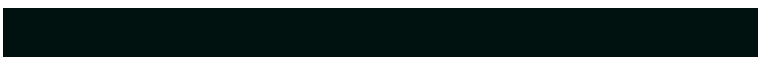
0066A1



495251



009180



001210

Inverse Universe

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



A10013



D10019



A13B00



52494A



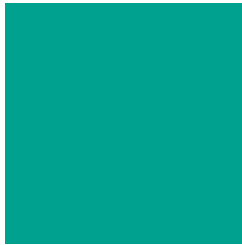
910011



120002

Previews

White Background



This preview shows how the Hex color 00A18E looks on a white background.

Color Contrast Check

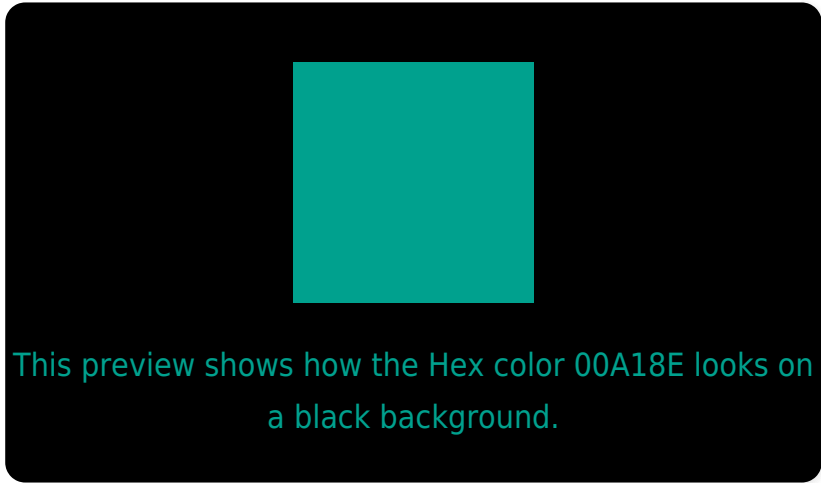
Large Text (above 18pt) WCAG AA ✓ Pass

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

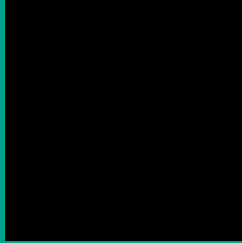
Any Text WCAG AA ✓ Pass

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 00A18E Background



This preview shows how black text looks on a background with the Hex color 00A18E.

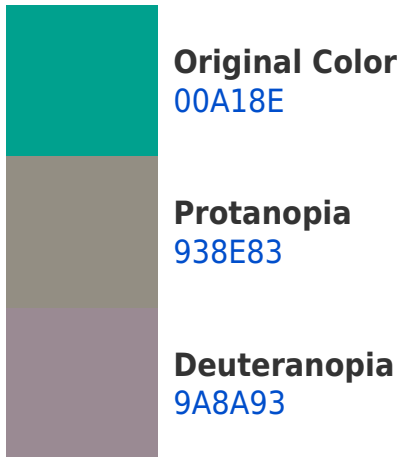


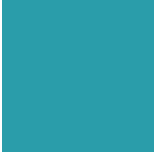
This preview shows how white text looks on a background with the Hex color 00A18E.

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
2A9DAA

Trichromacy



Original Color
00A18E



Protanomaly
5E9587



Deuteranomaly
629291



Tritanomaly
1B9EA0

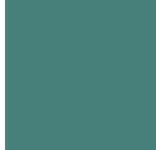
Monochromacy



Original Color
00A18E



Achromatopsia
6F6F6F



Achromatomaly
47817A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A18E 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 #00A18E looks like.

```
.text, #text, p{  
    color:#00A18E  
}
```

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 #00A18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A18E
}
```

Border

The CSS property to change the border of an element to Hex 00A18E 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
#00A18E }
```

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

```
.border{ border-color:#00A18E }
```

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

Here you see how a box with a 4 pixel #00A18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A18E; -webkit-box-shadow:4px 4px  
4px 4px #00A18E; box-shadow:4px 4px 4px  
4px #00A18E }
```

Background

The CSS property to change the background color of an element to Hex 00A18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A18E }
```

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

```
.background{ background-color:#00A18E }
```

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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