

Converting Colors

Hex(00A08B)

Have a look what the booklet for
Hex(00A08B) contains.

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Color

Hex(00A08B)

Conversions

Conversions Part 1

Format	Color
Hex	00A08B
RGB	0, 160, 139
RGB Percent	0%, 63%, 55%
CMY	1.0000, 0.3725, 0.4549
CMYK	1.00, 0.00, 0.13, 0.37
HSL	172°, 100%, 31%
HSV	172°, 100%, 63%
XYZ	17.2310, 27.0057, 28.7305
YIQ	109.7660, -88.6190, -40.4510

Conversions

Conversions Part 2

Format	Color
RYB	0, 86, 160
Decimal	41099
CIELab	58.98, -40.20, 1.00
CIELCh	59, 40.217, 178.582
Yxy	27.0057, 0.2361, 0.3701
Android (android.graphics.Color)	4278231179 (0xFF00A08B)
YUV	109.7660, 14.4124, -96.2648
Hunter-Lab	51.9670, -31.7559, 3.5977

Details

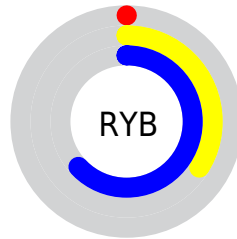
The Hex color **00A08B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A00015**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BD8C0**, and **006B59** is the 20% darker color. If you saturate the color by 10%, you get **00A08B**, and if you desaturate by 10%, it is **10A08D**.

Distribution



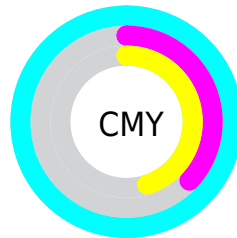
- Red (0%)
- Green (63%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A08B 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 00A08B by changing the saturation by 10% instead.

 00A08B

 00A08B

FFFFFF

 008572

 5BD8C0

 006B59

 79F4DC

 005242

 97FFF9

 003A2C

 B5FFF

 002617

 D3FFF

 000000

 F1FFF

 00A08B

 10A08D

 20A08F

 30A091

 40A093

 50A096

 60A098

 70A09A

 80A09C

 90A09E

Harmonies

Analogous

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



569D68



00A08B



00A0AF

Triad

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



00A08B



8E85CC



C17F52

Complementary

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



00A08B



A00015

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.



D0746E



00A08B



B878B3

Square

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



00A08B



4F92D4



CE7191



A58B46

Rectangle

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



00A08B



009DC2



CE7191



C77B5A

Sweetspot

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



00A08B



92D1C9



15A000



436964



E8E8E8



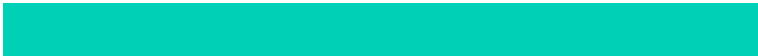
696969

Same Dimension

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



00A08B



00D1B6



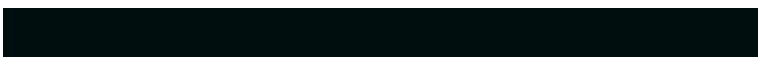
0065A0



474F4E



008F7C



000F0D

Inverse Universe

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



A00015



D1001B



A03B00



4F4748



8F0013



0F0002

Previews

White Background



This preview shows how the Hex color 00A08B 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



This preview shows how the Hex color 00A08B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

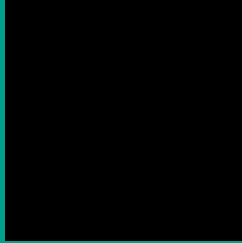
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 00A08B Background



This preview shows how black text looks on a background with the Hex color 00A08B.

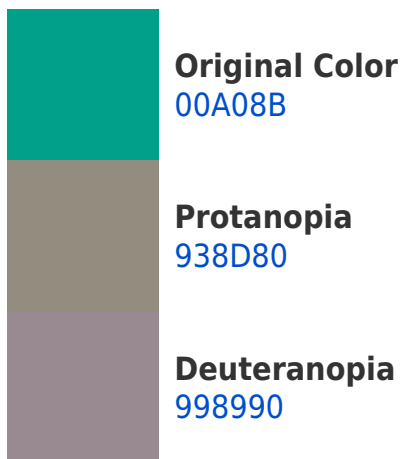


This preview shows how white text looks on a background with the Hex color 00A08B.

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
2B9CA8

Trichromacy



Original Color
00A08B



Protanomaly
5E9484



Deuteranomaly
61918E



Tritanomaly
1B9D9D

Monochromacy



Original Color
00A08B



Achromatopsia
6E6E6E



Achromatomaly
468079

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A08B 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 #00A08B looks like.

```
.text, #text, p{  
    color:#00A08B  
}
```

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 #00A08B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A08B
}
```

Border

The CSS property to change the border of an element to Hex 00A08B 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
#00A08B }
```

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

```
.border{ border-color:#00A08B }
```

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

Here you see how a box with a 4 pixel #00A08B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A08B; -webkit-box-shadow:4px 4px  
4px 4px #00A08B; box-shadow:4px 4px 4px  
4px #00A08B }
```

Background

The CSS property to change the background color of an element to Hex 00A08B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A08B }
```

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

```
.background{ background-color:#00A08B }
```

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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