

# Converting Colors

Hex(00A8A8)

Have a look what the booklet for  
Hex(00A8A8) contains.

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**Color**

**Hex(00A8A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8A8
RGB	0, 168, 168
RGB Percent	0%, 66%, 66%
CMY	1.0000, 0.3412, 0.3412
CMYK	1.00, 0.00, 0.00, 0.34
HSL	180°, 100%, 33%
HSV	180°, 100%, 66%
XYZ	21.0705, 30.8324, 41.8865
YIQ	117.7680, -100.1280, -35.6160

# Conversions

## Conversions Part 2

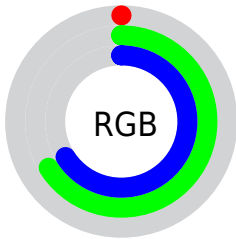
Format	Color
<a href="#">RYB</a>	<a href="#">0, 84, 168</a>
Decimal	<a href="#">43176</a>
CIELab	<a href="#">62.37, -35.17, -10.34</a>
CIELCh	<a href="#">62, 36.664, 196.386</a>
Yxy	<a href="#">30.8324, 0.2247, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278233256 (0xFF00A8A8)</a>
YUV	<a href="#">117.7680, 24.7644, -103.2825</a>
Hunter-Lab	<a href="#">55.5269, -29.4377, -5.8563</a>

# Details

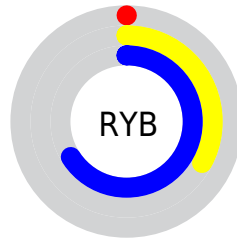
The Hex color **00A8A8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A80000**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **60E0DF**, and **007374** is the 20% darker color. If you saturate the color by 10%, you get **00A8A8**, and if you desaturate by 10%, it is **11A8A8**.

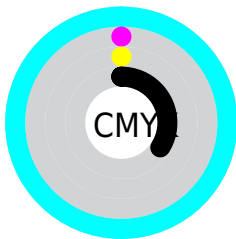
# Distribution



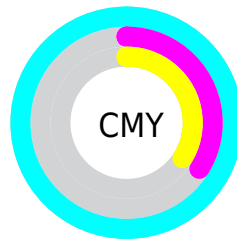
- Red (0%)
- Green (66%)
- Blue (66%)



- Red (0%)
- Yellow (33%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A8A8 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 00A8A8 by changing the saturation by 10% instead.



 00A8A8

 00A8A8

FFFFFF

 008D8E

 60E0DF

 007374

 7FFDFC

 005A5C

 9DFFFF

 004244

 BCFFFF

 002B2E


 DAFFFF

 00101A

 F8FFFF

 000000

 00A8A8

 11A8A8

 22A8A8

 32A8A8

 43A8A8

 54A8A8

 65A8A8

 76A8A8

 86A8A8

 97A8A8

# Harmonies

## Analogous

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



4AA786



00A8A8



00A5C5

# Triad

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



00A8A8



B188C4



B99057

# Complementary

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



00A8A8



A80000

# 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.



CE8569



00A8A8



CD7FA7

# Square

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



00A8A8



8494D5



D67E86



9A9A57

# Rectangle

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



00A8A8



31A1D2



D67E86



C18C5C



# Sweetspot

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



00A8A8



9ADBDB



00A800



466E6E



EDEDED



6E6E6E



# Same Dimension

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



00A8A8



00DBDB



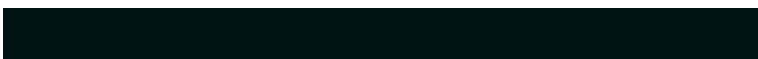
0054A8



4C5454



009494



001414



# Inverse Universe

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



A800A8



DB00DB



A85400



544C54



940094

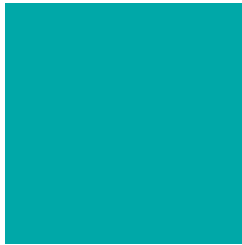


140014



# Previews

## White Background



This preview shows how the Hex color 00A8A8 looks on a white background.

## Color Contrast Check

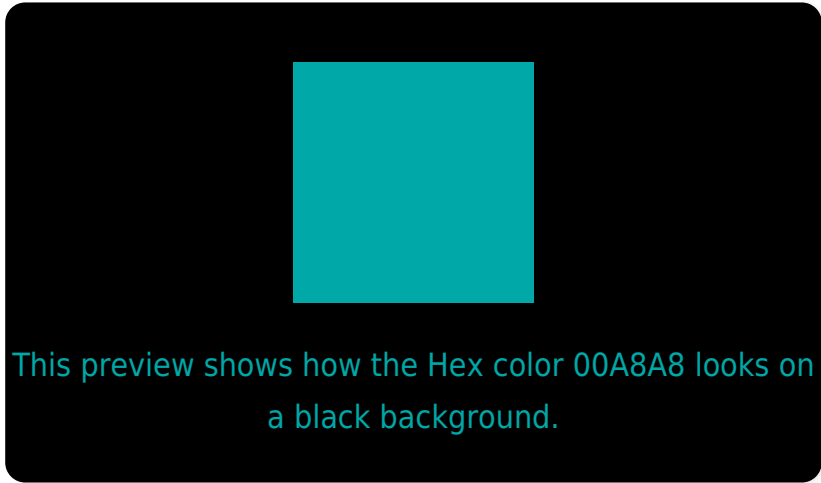
Large Text (above 18pt) WCAG AA × Fail

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

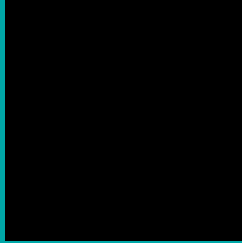
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A8A8 Background



This preview shows how black text looks on a background with the Hex color 00A8A8.

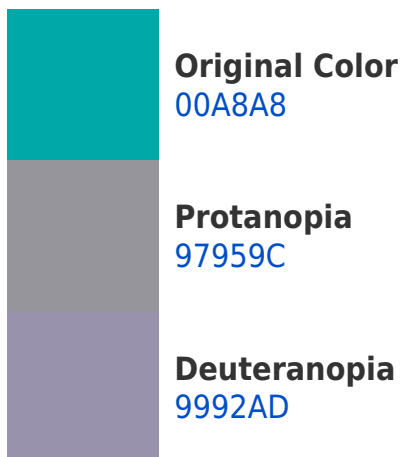


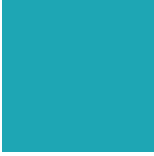
This preview shows how white text looks on a background with the Hex color 00A8A8.

# 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**  
1EA6B4

# Trichromacy



**Original Color**  
00A8A8



**Protanomaly**  
609CA0



**Deuteranomaly**  
619AAB



**Tritanomaly**  
13A7B0

# Monochromacy



**Original Color**  
00A8A8



**Achromatopsia**  
767676



**Achromatomaly**  
4B8888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A8A8 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 #00A8A8 looks like.

```
.text, #text, p{  
    color:#00A8A8  
}
```

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 #00A8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8A8
}
```

## Border

The CSS property to change the border of an element to Hex 00A8A8 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
#00A8A8 }
```

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

```
.border{ border-color:#00A8A8 }
```

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

Here you see how a box with a 4 pixel #00A8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8A8; -webkit-box-shadow:4px 4px  
4px 4px #00A8A8; box-shadow:4px 4px 4px  
4px #00A8A8 }
```

# Background

The CSS property to change the background color of an element to Hex 00A8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8A8 }
```

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

```
.background{ background-color:#00A8A8 }
```

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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