

# Converting Colors

Hex(00A8B2)

Have a look what the booklet for  
Hex(00A8B2) contains.

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**Color**

**Hex(00A8B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8B2
RGB	0, 168, 178
RGB Percent	0%, 66%, 70%
CMY	1.0000, 0.3412, 0.3020
CMYK	1.00, 0.06, 0.00, 0.30
HSL	183°, 100%, 35%
HSV	183°, 100%, 70%
XYZ	22.0385, 31.2196, 46.9839
YIQ	118.9080, -103.3380, -32.5060

# Conversions

## Conversions Part 2

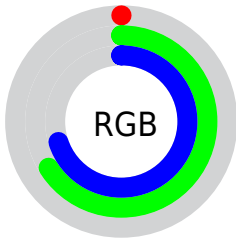
Format	Color
<a href="#">RYB</a>	<a href="#">0, 86, 178</a>
Decimal	<a href="#">43186</a>
CIELab	<a href="#">62.69, -32.02, -15.46</a>
CIELCh	<a href="#">63, 35.554, 205.768</a>
Yxy	<a href="#">31.2196, 0.2199, 0.3114</a>
Android (android.graphics.Color)	<a href="#">4278233266 (0xFF00A8B2)</a>
YUV	<a href="#">118.9080, 29.1324, -104.2823</a>
Hunter-Lab	<a href="#">55.8745, -27.3749, -10.7438</a>

# Details

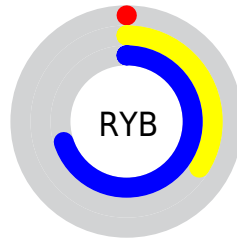
The Hex color **00A8B2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B20A00**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **61E0EA**, and **00737D** is the 20% darker color. If you saturate the color by 10%, you get **00A8B2**, and if you desaturate by 10%, it is **12A9B2**.

# Distribution



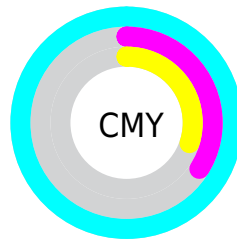
- Red (0%)
- Green (66%)
- Blue (70%)



- Red (0%)
- Yellow (34%)
- Blue (70%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (34%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A8B2 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 00A8B2 by changing the saturation by 10% instead.



 00A8B2

 00A8B2

FFFFFF

 008D97

 61E0EA

 00737D

 81FCFF

 005A64

 9FFFFFFF

 00424D

 BEFFFF

 002B36

 DCFFFF

 001221

 FBFFFF

 000007

 000000

 00A8B2

 12A9B2

 24AAB2

 35ABB2

 47ACB2

 59ADB2

 6BAEB2

 7DAFB2

 8EB0B2

 A0B1B2

# Harmonies

## Analogous

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



40A892



00A8B2



22A4CB

# Triad

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



00A8B2



BB86BC



B09458

# Complementary

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



00A8B2



B20A00

# 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.



C88964



00A8B2



D17F9D

# Square

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



00A8B2



9591D0



D5817E



909E5E

# Rectangle

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



00A8B2



4D9FD4



D5817E



B9915A



# Sweetspot

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



00A8B2



A2E4E8



00B209



4B7375



F5F5F5



757575



# Same Dimension

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



00A8B2



00DBE8



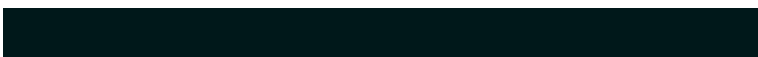
0050B2



505959



009099



00181A



# Inverse Universe

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



B200A8



E800DB



B26200



595059



990090



1A0018



# Previews

## White Background



This preview shows how the Hex color 00A8B2 looks on a white background.

## Color Contrast Check

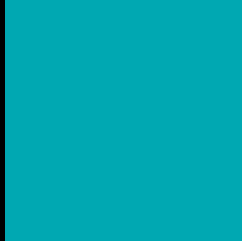
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00A8B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

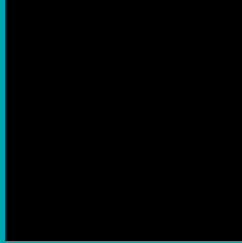
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A8B2 Background



This preview shows how black text looks on a background with the Hex color 00A8B2.

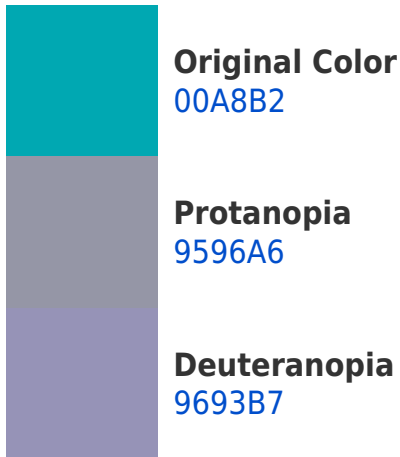


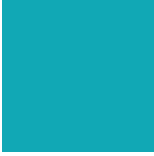
This preview shows how white text looks on a background with the Hex color 00A8B2.

# 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**  
11A8B5

# Trichromacy



**Original Color**  
00A8B2



**Protanomaly**  
5F9DAA



**Deuteranomaly**  
5F9BB5



**Tritanomaly**  
0BA8B4

# Monochromacy



**Original Color**  
00A8B2



**Achromatopsia**  
777777



**Achromatomaly**  
4C898C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A8B2 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 #00A8B2 looks like.

```
.text, #text, p{  
    color:#00A8B2  
}
```

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 #00A8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8B2
}
```

## Border

The CSS property to change the border of an element to Hex 00A8B2 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
#00A8B2 }
```

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

```
.border{ border-color:#00A8B2 }
```

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

Here you see how a box with a 4 pixel #00A8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8B2; -webkit-box-shadow:4px 4px  
4px 4px #00A8B2; box-shadow:4px 4px 4px  
4px #00A8B2 }
```

# Background

The CSS property to change the background color of an element to Hex 00A8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8B2 }
```

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

```
.background{ background-color:#00A8B2 }
```

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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