

Converting Colors

Hex(00A7B8)

Have a look what the booklet for
Hex(00A7B8) contains.

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Color

Hex(00A7B8)

Conversions

Conversions Part 1

Format	Color
Hex	00A7B8
RGB	0, 167, 184
RGB Percent	0%, 65%, 72%
CMY	1.0000, 0.3451, 0.2784
CMYK	1.00, 0.09, 0.00, 0.28
HSL	186°, 100%, 36%
HSV	186°, 100%, 72%
XYZ	22.4704, 31.0981, 50.1656
YIQ	119.0050, -104.9890, -30.1170

Conversions

Conversions Part 2

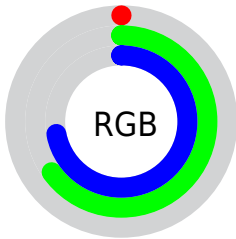
Format	Color
RYB	0, 88, 184
Decimal	42936
CIELab	62.59, -29.58, -18.97
CIElCh	63, 35.143, 212.669
Yxy	31.0981, 0.2166, 0.2998
Android (android.graphics.Color)	4278233016 (0xFF00A7B8)
YUV	119.0050, 32.0425, -104.3674
Hunter-Lab	55.7657, -25.6645, -14.3000

Details

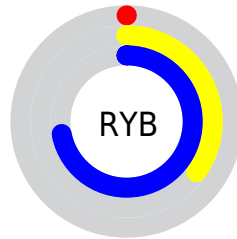
The Hex color **00A7B8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B81100**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62DFF0**, and **007283** is the 20% darker color. If you saturate the color by 10%, you get **00A7B8**, and if you desaturate by 10%, it is **12A9B8**.

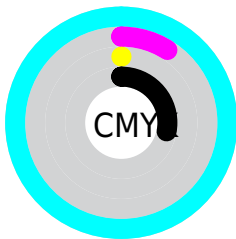
Distribution



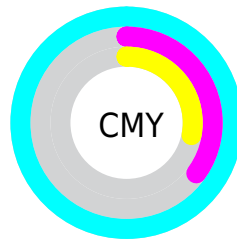
- Red (0%)
- Green (65%)
- Blue (72%)



- Red (0%)
- Yellow (35%)
- Blue (72%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A7B8 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 00A7B8 by changing the saturation by 10% instead.

 00A7B8

 00A7B8

FFFFFF

 008C9D

 62DFF0

 007283

 81FBFF

 005A6A

 A0FFFF

 004252

 BFFFFFF

 002B3B

 DDDFFF

 001225

 FFFFFFF

 00010E

 000000

 00A7B8

 12A9B8

 25AAB8

 37ACB8

 4AAEB8

 5CB0B8

 6EB1B8

 81B3B8

 93B5B8

 A6B6B8

Harmonies

Analogous

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



36A899



00A7B8



34A2CE

Triad

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



00A7B8



C184B5



A99658

Complementary

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



00A7B8



B81100

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.



C38C61



00A7B8



D27F96

Square

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



00A7B8



9F8ECC



D28277



88A062

Rectangle

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



00A7B8



5C9DD5



D28277



B39359

Sweetspot

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



00A7B8



A8E9F0



00B80F



4D7478



F7F7F7



787878

Same Dimension

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



00A7B8



00DAF0



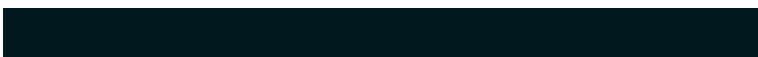
004DB8



535B5C



008D9C



00191C

Inverse Universe

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



B800A7



F000DA



B86B00



5C535B



9C008D



1C0019

Previews

White Background



This preview shows how the Hex color 00A7B8 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 00A7B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

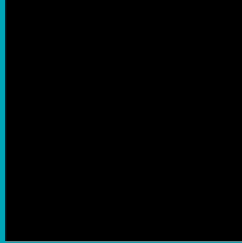
Any Text WCAG AA ✓ Pass

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 00A7B8 Background



This preview shows how black text looks on a background with the Hex color 00A7B8.

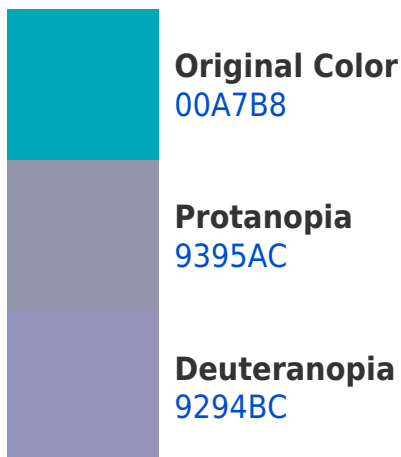


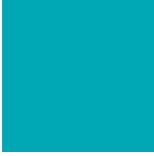
This preview shows how white text looks on a background with the Hex color 00A7B8.

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
00A7B5

Trichromacy



Original Color
00A7B8



Protanomaly
5E9CB0



Deuteranomaly
5D9BBB



Tritanomaly
00A7B6

Monochromacy



Original Color
00A7B8



Achromatopsia
777777



Achromatomaly
4C888F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A7B8 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 #00A7B8 looks like.

```
.text, #text, p{  
    color:#00A7B8  
}
```

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 #00A7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A7B8
}
```

Border

The CSS property to change the border of an element to Hex 00A7B8 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
#00A7B8 }
```

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

```
.border{ border-color:#00A7B8 }
```

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

Here you see how a box with a 4 pixel #00A7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A7B8; -webkit-box-shadow:4px 4px  
4px 4px #00A7B8; box-shadow:4px 4px 4px  
4px #00A7B8 }
```

Background

The CSS property to change the background color of an element to Hex 00A7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A7B8 }
```

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

```
.background{ background-color:#00A7B8 }
```

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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