

Converting Colors

Hex(00A8BF)

Have a look what the booklet for
Hex(00A8BF) contains.

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Color

Hex(00A8BF)

Conversions

Conversions Part 1

Format	Color
Hex	00A8BF
RGB	0, 168, 191
RGB Percent	0%, 66%, 75%
CMY	1.0000, 0.3412, 0.2510
CMYK	1.00, 0.12, 0.00, 0.25
HSL	187°, 100%, 37%
HSV	187°, 100%, 75%
XYZ	23.4066, 31.7669, 54.1882
YIQ	120.3900, -107.5110, -28.4630

Conversions

Conversions Part 2

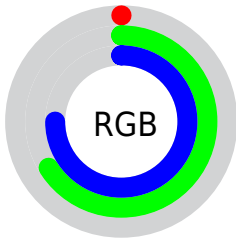
Format	Color
RYB	0, 89, 191
Decimal	43199
CIELab	63.15, -27.76, -22.03
CIELCh	63, 35.438, 218.434
Yxy	31.7669, 0.2140, 0.2905
Android (android.graphics.Color)	4278233279 (0xFF00A8BF)
YUV	120.3900, 34.8107, -105.5820
Hunter-Lab	56.3621, -24.5044, -17.5497

Details

The Hex color **00A8BF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BF1700**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63E0F7**, and **00748A** is the 20% darker color. If you saturate the color by 10%, you get **00A8BF**, and if you desaturate by 10%, it is **13AABF**.

Distribution



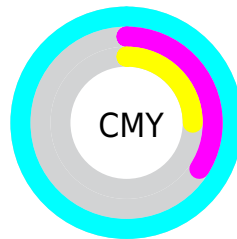
- Red (0%)
- Green (66%)
- Blue (75%)



- Red (0%)
- Yellow (35%)
- Blue (75%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8BF 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 00A8BF by changing the saturation by 10% instead.

 00A8BF

 00A8BF

FFFFFF

 008DA4

 63E0F7

 00748A

 83FCFF

 005B70

 A2FFFF

 004358

 C1FFFF

 002C40

 DFFFFF

 00152A

FEFFFF

 000115

 000000

 00A8BF

 13AABF

 26ADBFB

 39AFBFB

 4CB1BFB

 60B3BFB

 73B6BFB

 86B8BFB

 99BABFB

 ACBDBFB

Harmonies

Analogous

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



2CAAA1



00A8BF



41A2D3

Triad

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



00A8BF



C884B1



A59A5A

Complementary

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



00A8BF



BF1700

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.



C18F5F



00A8BF



D68091

Square

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



00A8BF



A88DCA



D28573



83A266

Rectangle

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



00A8BF



689CD7



D28573



AF9659

Sweetspot

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



00A8BF



ADEEF7



00BF16



50787D



FCFCFC



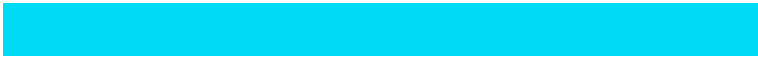
7D7D7D

Same Dimension

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



00A8BF



00DAF7



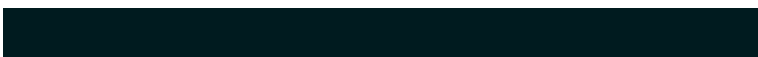
0049BF



555D5E



008B9E



001B1F

Inverse Universe

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



BF00A8



F700DA



BF7600



5E555D



9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 00A8BF looks on a white background.

Color Contrast Check

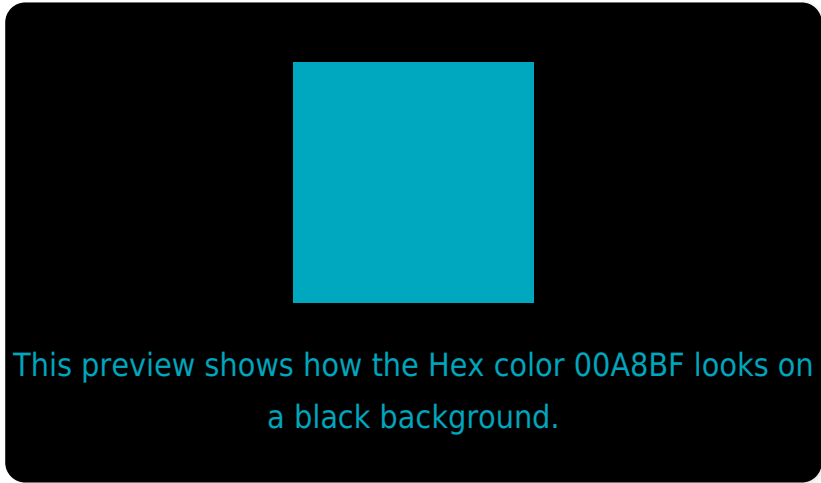
Large Text (above 18pt) WCAG AA × Fail

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

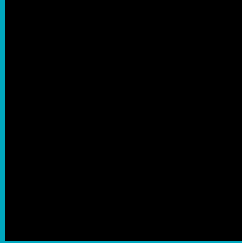
Any Text WCAG AA ✓ Pass

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 00A8BF Background



This preview shows how black text looks on a background with the Hex color 00A8BF.

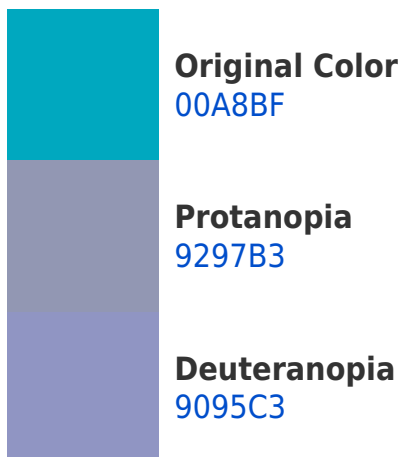


This preview shows how white text looks on a background with the Hex color 00A8BF.

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
00A9B7

Trichromacy



Original Color
00A8BF



Protanomaly
5D9DB7



Deuteranomaly
5C9CC2



Tritanomaly
00A9BA

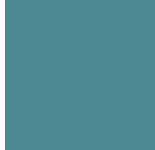
Monochromacy



Original Color
00A8BF



Achromatopsia
787878



Achromatomaly
4C8992

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8BF 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 #00A8BF looks like.

```
.text, #text, p{  
  color:#00A8BF  
}
```

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 #00A8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8BF
}
```

Border

The CSS property to change the border of an element to Hex 00A8BF 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
#00A8BF }
```

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

```
.border{ border-color:#00A8BF }
```

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

Here you see how a box with a 4 pixel #00A8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8BF; -webkit-box-shadow:4px 4px  
4px 4px #00A8BF; box-shadow:4px 4px 4px  
4px #00A8BF }
```

Background

The CSS property to change the background color of an element to Hex 00A8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8BF }
```

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

```
.background{ background-color:#00A8BF }
```

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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