

Converting Colors

Hex(00A1BF)

Have a look what the booklet for
Hex(00A1BF) contains.

Hex(00A1BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A1BF)

Conversions

Conversions Part 1

Format	Color
Hex	00A1BF
RGB	0, 161, 191
RGB Percent	0%, 63%, 75%
CMY	1.0000, 0.3686, 0.2510
CMYK	1.00, 0.16, 0.00, 0.25
HSL	189°, 100%, 37%
HSV	189°, 100%, 75%
XYZ	22.1488, 29.2513, 53.7689
YIQ	116.2810, -105.5860, -24.8020

Conversions

Conversions Part 2

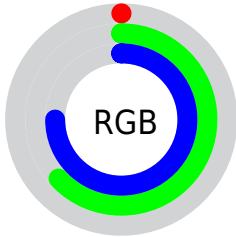
Format	Color
RYB	0, 87, 191
Decimal	41407
CIELab	61.00, -24.22, -25.32
CIELCh	61, 35.041, 226.269
Yxy	29.2513, 0.2106, 0.2781
Android (android.graphics.Color)	4278231487 (0xFF00A1BF)
YUV	116.2810, 36.8365, -101.9784
Hunter-Lab	54.0845, -21.5480, -21.0849

Details

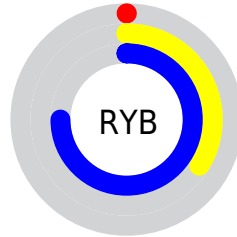
The Hex color **00A1BF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF1E00**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **62D8F7**, and **006D89** is the 20% darker color. If you saturate the color by 10%, you get **00A1BF**, and if you desaturate by 10%, it is **13A4BF**.

Distribution



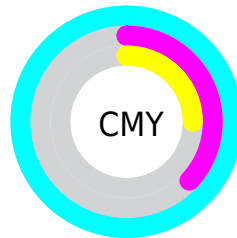
- Red (0%)
- Green (63%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1BF 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 00A1BF by changing the saturation by 10% instead.

 00A1BF

 00A1BF

FFFFFF

 0087A4

 62D8F7

 006D89

 82F5FF

 005570

 A1FFFF

 003D57

 BFFFFFF

 002740

 DEFFF

 000A2A

FDFFFF

 000115

 000000

 00A1BF

 13A4BF

 26A7BF

 39AABF

 4CADBF

 60B0BF

 73B3BF

 86B6BF

 99B9BF

 ACBCBF

Harmonies

Analogous

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



15A4A3



00A1BF



4B9ACF

Triad

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



00A1BF



C67DA3



979757

Complementary

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



00A1BF



BF1E00

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.



B48C57



00A1BF



D07B83

Square

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



00A1BF



AC85BE



C88268



749E67

Rectangle

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



00A1BF



7094D0



C88268



A19355

Sweetspot

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



00A1BF



ADECF7



00BF1D



50767D



FCFCFC



7D7D7D

Same Dimension

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



00A1BF



00D0F7



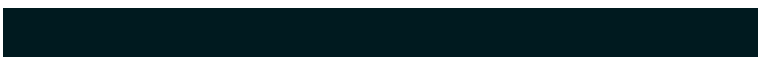
0043BF



555D5E



00859E



001A1F

Inverse Universe

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



BF00A1



F700D0



BF7C00



5E555D



9E0085



1F001A

Previews

White Background



This preview shows how the Hex color 00A1BF looks on a white background.

Color Contrast Check

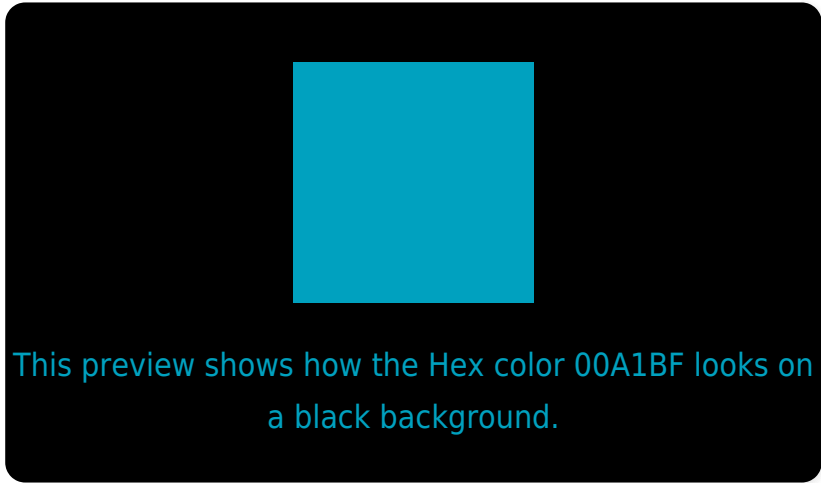
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

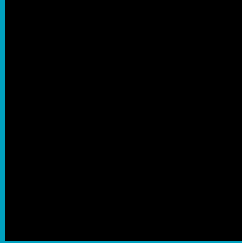
Any Text WCAG AA ✓ Pass

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 00A1BF Background



This preview shows how black text looks on a background with the Hex color 00A1BF.

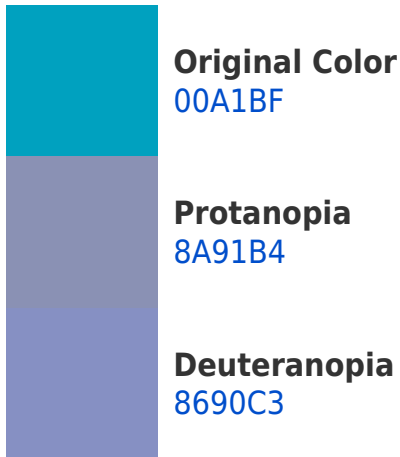


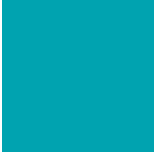
This preview shows how white text looks on a background with the Hex color 00A1BF.

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
00A3B0

Trichromacy



Original Color
00A1BF



Protanomaly
5897B8



Deuteranomaly
5596C2



Tritanomaly
00A2B5

Monochromacy



Original Color
00A1BF



Achromatopsia
747474



Achromatomaly
4A848F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1BF 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 #00A1BF looks like.

```
.text, #text, p{  
    color:#00A1BF  
}
```

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 #00A1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1BF
}
```

Border

The CSS property to change the border of an element to Hex 00A1BF 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
#00A1BF }
```

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

```
.border{ border-color:#00A1BF }
```

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

Here you see how a box with a 4 pixel #00A1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1BF; -webkit-box-shadow:4px 4px  
4px 4px #00A1BF; box-shadow:4px 4px 4px  
4px #00A1BF }
```

Background

The CSS property to change the background color of an element to Hex 00A1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1BF }
```

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

```
.background{ background-color:#00A1BF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor