

# Converting Colors

Hex(00A5BB)

Have a look what the booklet for  
Hex(00A5BB) contains.

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# Color

Hex(00A5BB)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A5BB
RGB	0, 165, 187
RGB Percent	0%, 65%, 73%
CMY	1.0000, 0.3529, 0.2667
CMYK	1.00, 0.12, 0.00, 0.27
HSL	187°, 100%, 37%
HSV	187°, 100%, 73%
XYZ	22.4248, 30.4981, 51.7185
YIQ	118.1730, -105.4020, -28.1380

# Conversions

## Conversions Part 2

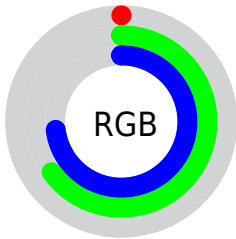
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 88, 187</a>
Decimal	<a href="#">42427</a>
CIELab	<a href="#">62.08, -27.60, -21.42</a>
CIELCh	<a href="#">62, 34.940, 217.820</a>
Yxy	<a href="#">30.4981, 0.2143, 0.2915</a>
Android (android.graphics.Color)	<a href="#">4278232507 (0xFF00A5BB)</a>
YUV	<a href="#">118.1730, 33.9317, -103.6377</a>
Hunter-Lab	<a href="#">55.2251, -24.1620, -16.8677</a>

# Details

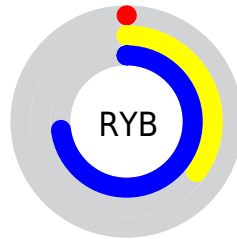
The Hex color **00A5BB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB1600**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62DCF3**, and **007186** is the 20% darker color. If you saturate the color by 10%, you get **00A5BB**, and if you desaturate by 10%, it is **13A7BB**.

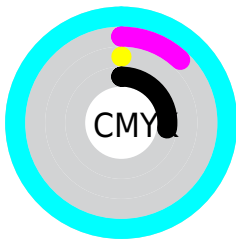
# Distribution



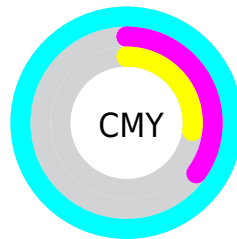
- Red (0%)
- Green (65%)
- Blue (73%)



- Red (0%)
- Yellow (35%)
- Blue (73%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (35%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A5BB 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 00A5BB by changing the saturation by 10% instead.



 00A5BB

 00A5BB

FFFFFF

 008AA0

 62DCF3

 007186

 82F9FF

 00586C

 A0FFFF

 004054

 BFFFFFF

 002A3D

 DEFFF

 001027

 FCFFF

 000111

 000000

 00A5BB

 13A7BB

 25A9BB

 38ACBB

 4BAEBB

 5EB0BB

 70B2BB

 83B4BB

 96B7BB

 A8B9BB

# Harmonies

## Analogous

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



2DA79D



00A5BB



3EA0CF

# Triad

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



00A5BB



C481AE



A29758

# Complementary

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



00A5BB



BB1600

# 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.



BE8C5D



00A5BB



D27E8F

# Square

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



00A5BB



A48BC7



CF8272



819F64

# Rectangle

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



00A5BB



649AD3



CF8272



AC9358



# Sweetspot

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



00A5BB



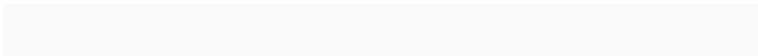
AAEAF2



00BB16



4E757A



FAFAFA



7A7A7A



# Same Dimension

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



00A5BB



00D6F2



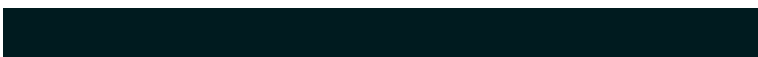
0048BB



555D5E



008B9E



001B1F



# Inverse Universe

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



BB00A5



F200D6



BB7300



5E555D



9E008C



1F001B



# Previews

## White Background



This preview shows how the Hex color 00A5BB 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 00A5BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

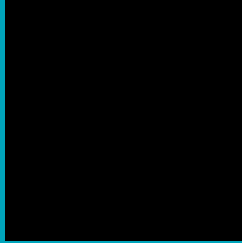
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A5BB Background



This preview shows how black text looks on a background with the Hex color 00A5BB.

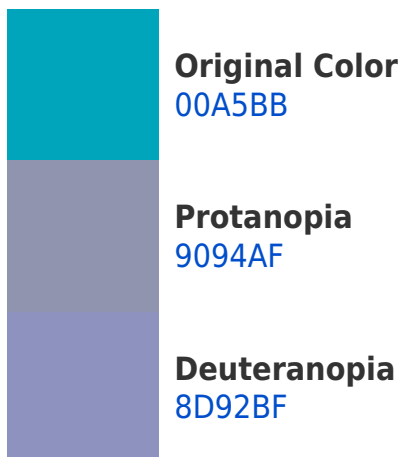


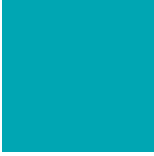
This preview shows how white text looks on a background with the Hex color 00A5BB.

# 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**  
00A6B3

# Trichromacy



**Original Color**  
00A5BB



**Protanomaly**  
5C9AB3



**Deuteranomaly**  
5A99BE



**Tritanomaly**  
00A6B6

# Monochromacy



**Original Color**  
00A5BB



**Achromatopsia**  
767676



**Achromatomaly**  
4B878F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A5BB 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 #00A5BB looks like.

```
.text, #text, p{  
    color:#00A5BB  
}
```

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 #00A5BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5BB
}
```

## Border

The CSS property to change the border of an element to Hex 00A5BB 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
#00A5BB }
```

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

```
.border{ border-color:#00A5BB }
```

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

Here you see how a box with a 4 pixel #00A5BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5BB; -webkit-box-shadow:4px 4px  
4px 4px #00A5BB; box-shadow:4px 4px 4px  
4px #00A5BB }
```

# Background

The CSS property to change the background color of an element to Hex 00A5BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5BB }
```

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

```
.background{ background-color:#00A5BB }
```

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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