

Converting Colors

Hex(00A5BC)

Have a look what the booklet for
Hex(00A5BC) contains.

Hex(00A5BC)	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(00A5BC)

Conversions

Conversions Part 1

Format	Color
Hex	00A5BC
RGB	0, 165, 188
RGB Percent	0%, 65%, 74%
CMY	1.0000, 0.3529, 0.2627
CMYK	1.00, 0.12, 0.00, 0.26
HSL	187°, 100%, 37%
HSV	187°, 100%, 74%
XYZ	22.5322, 30.5411, 52.2844
YIQ	118.2870, -105.7230, -27.8270

Conversions

Conversions Part 2

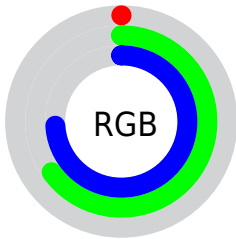
Format	Color
RYB	0, 88, 188
Decimal	42428
CIELab	62.12, -27.27, -21.93
CIELCh	62, 34.990, 218.808
Yxy	30.5411, 0.2139, 0.2899
Android (android.graphics.Color)	4278232508 (0xFF00A5BC)
YUV	118.2870, 34.3685, -103.7377
Hunter-Lab	55.2640, -23.9340, -17.4085

Details

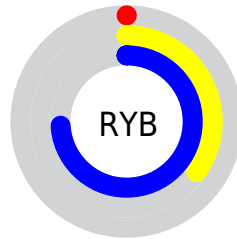
The Hex color **00A5BC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC1700**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62DCF4**, and **007187** is the 20% darker color. If you saturate the color by 10%, you get **00A5BC**, and if you desaturate by 10%, it is **13A7BC**.

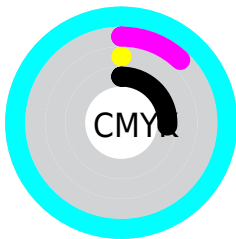
Distribution



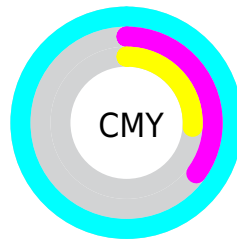
- Red (0%)
- Green (65%)
- Blue (74%)



- Red (0%)
- Yellow (35%)
- Blue (74%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5BC 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 00A5BC by changing the saturation by 10% instead.

 00A5BC

 00A5BC

FFFFFF

 008AA1

 62DCF4

 007187

 82F9FF

 00586D

 A1FFFF

 004055

 BFFFFFF

 002A3E

 DEFFF

 001028

FDFFFF

 000112

 000000

 00A5BC

 13A7BC

 26AABC

 38ACBC

 4BAEBC

 5EB1BC

 71B3BC

 84B5BC

 96B7BC

 A9BABC

Harmonies

Analogous

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



2BA79F



00A5BC



409FCF

Triad

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



00A5BC



C481AD



A29758

Complementary

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



00A5BC



BC1700

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.



BD8D5D



00A5BC



D27E8E

Square

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



00A5BC



A68BC7



CF8371



80A065

Rectangle

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



00A5BC



669AD4



CF8371



AC9458

Sweetspot

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



00A5BC



ABECF5



00BC16



4E757A



FAFAFA



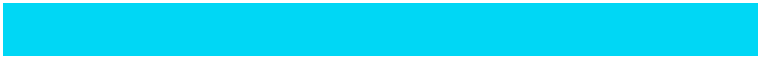
7A7A7A

Same Dimension

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



00A5BC



00D7F5



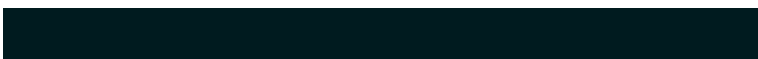
0048BC



555D5E



008B9E



001B1F

Inverse Universe

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



BC00A5



F500D7



BC7400



5E555D



9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 00A5BC 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 00A5BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

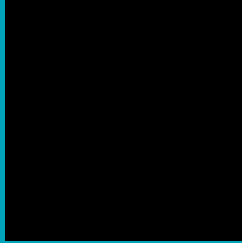
Any Text WCAG AA ✓ Pass

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 00A5BC Background



This preview shows how black text looks on a background with the Hex color 00A5BC.



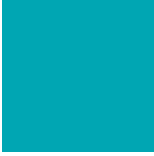
This preview shows how white text looks on a background with the Hex color 00A5BC.

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
00A5BC



Protanomaly
5C9AB4



Deuteranomaly
5A9ABF



Tritanomaly
00A6B6

Monochromacy



Original Color
00A5BC



Achromatopsia
767676



Achromatomaly
4B878F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5BC 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 #00A5BC looks like.

```
.text, #text, p{  
    color:#00A5BC  
}
```

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 #00A5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5BC
}
```

Border

The CSS property to change the border of an element to Hex 00A5BC 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
#00A5BC }
```

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

```
.border{ border-color:#00A5BC }
```

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

Here you see how a box with a 4 pixel #00A5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5BC; -webkit-box-shadow:4px 4px  
4px 4px #00A5BC; box-shadow:4px 4px 4px  
4px #00A5BC }
```

Background

The CSS property to change the background color of an element to Hex 00A5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5BC }
```

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

```
.background{ background-color:#00A5BC }
```

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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