

Converting Colors

Hex(00A5BA)

Have a look what the booklet for
Hex(00A5BA) contains.

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Color

Hex(00A5BA)

Conversions

Conversions Part 1

Format	Color
Hex	00A5BA
RGB	0, 165, 186
RGB Percent	0%, 65%, 73%
CMY	1.0000, 0.3529, 0.2706
CMYK	1.00, 0.11, 0.00, 0.27
HSL	187°, 100%, 36%
HSV	187°, 100%, 73%
XYZ	22.3181, 30.4554, 51.1566
YIQ	118.0590, -105.0810, -28.4490

Conversions

Conversions Part 2

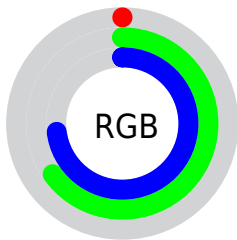
Format	Color
RYB	0, 87, 186
Decimal	42426
CIELab	62.05, -27.93, -20.92
CIELCh	62, 34.900, 216.830
Yxy	30.4554, 0.2147, 0.2930
Android (android.graphics.Color)	4278232506 (0xFF00A5BA)
YUV	118.0590, 33.4949, -103.5377
Hunter-Lab	55.1864, -24.3887, -16.3300

Details

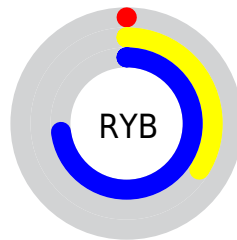
The Hex color **00A5BA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA1500**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62DCF2**, and **007185** is the 20% darker color. If you saturate the color by 10%, you get **00A5BA**, and if you desaturate by 10%, it is **13A7BA**.

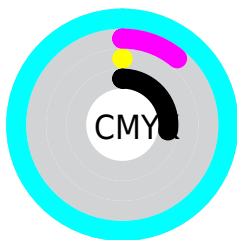
Distribution



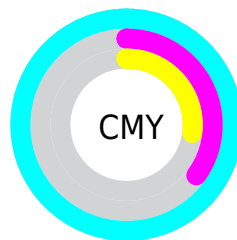
- Red (0%)
- Green (65%)
- Blue (73%)



- Red (0%)
- Yellow (34%)
- Blue (73%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5BA 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 00A5BA by changing the saturation by 10% instead.

 00A5BA

 00A5BA

FFFFFF

 008A9F

 62DCF2

 007185

 82F9FF

 00586C

 A0FFFF

 004053

 BFFFFFF

 002A3C

 DFFFFFF

 001026

 FCFFFF

 000110

 000000

 00A5BA

 13A7BA

 25A9BA

 38ABBA

 4AADBA

 5DB0BA

 70B2BA

 82B4BA

 95B6BA

 A7B8BA

Harmonies

Analogous

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



2EA79C



00A5BA



3CA0CE

Triad

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



00A5BA



C381AF



A39658

Complementary

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



00A5BA



BA1500

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.



BE8C5E



00A5BA



D17E90

Square

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



00A5BA



A38BC8



CF8272



829F63

Rectangle

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



00A5BA



639AD3



CF8272



AD9358

Sweetspot

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



00A5BA



AAEAF2



00BA13



4E757A



FAFAFA



7A7A7A

Same Dimension

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



00A5BA



00D7F2



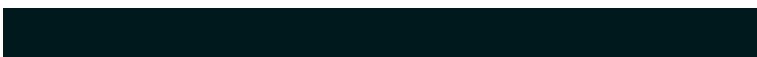
004ABA



535B5C



008A9C



00191C

Inverse Universe

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



BA00A5



F200D7



BA7000



5C535B



9C008A



1C0019

Previews

White Background



This preview shows how the Hex color 00A5BA 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 00A5BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

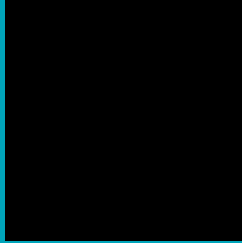
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

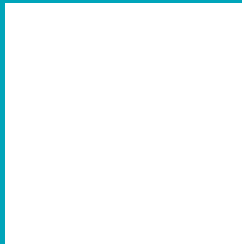
Any Text WCAG AAA ✓ Pass

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

Hex 00A5BA Background



This preview shows how black text looks on a background with the Hex color 00A5BA.



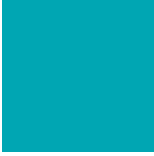
This preview shows how white text looks on a background with the Hex color 00A5BA.

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
00A5BA



Protanomaly
5C9AB2



Deuteranomaly
5A99BD



Tritanomaly
00A6B6

Monochromacy



Original Color
00A5BA



Achromatopsia
767676



Achromatomaly
4B878F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5BA 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 #00A5BA looks like.

```
.text, #text, p{  
    color:#00A5BA  
}
```

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 #00A5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5BA
}
```

Border

The CSS property to change the border of an element to Hex 00A5BA 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
#00A5BA }
```

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

```
.border{ border-color:#00A5BA }
```

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

Here you see how a box with a 4 pixel #00A5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5BA; -webkit-box-shadow:4px 4px  
4px 4px #00A5BA; box-shadow:4px 4px 4px  
4px #00A5BA }
```

Background

The CSS property to change the background color of an element to Hex 00A5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5BA }
```

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

```
.background{ background-color:#00A5BA }
```

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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