

Converting Colors

Hex(00A5B5)

Have a look what the booklet for
Hex(00A5B5) contains.

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Color

Hex(00A5B5)

Conversions

Conversions Part 1

Format	Color
Hex	00A5B5
RGB	0, 165, 181
RGB Percent	0%, 65%, 71%
CMY	1.0000, 0.3529, 0.2902
CMYK	1.00, 0.09, 0.00, 0.29
HSL	185°, 100%, 35%
HSV	185°, 100%, 71%
XYZ	21.7956, 30.2465, 48.4055
YIQ	117.4890, -103.4760, -30.0040

Conversions

Conversions Part 2

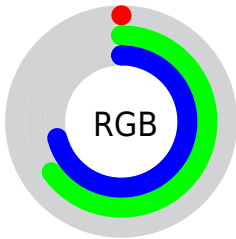
Format	Color
RYB	0, 86, 181
Decimal	42421
CIELab	61.87, -29.59, -18.39
CIELCh	62, 34.838, 211.861
Yxy	30.2465, 0.2170, 0.3011
Android (android.graphics.Color)	4278232501 (0xFF00A5B5)
YUV	117.4890, 31.3109, -103.0379
Hunter-Lab	54.9968, -25.5035, -13.6864

Details

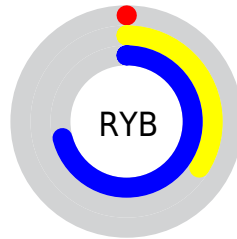
The Hex color **00A5B5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B51000**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **61DCED**, and **007180** is the 20% darker color. If you saturate the color by 10%, you get **00A5B5**, and if you desaturate by 10%, it is **12A7B5**.

Distribution



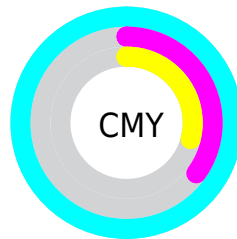
- Red (0%)
- Green (65%)
- Blue (71%)



- Red (0%)
- Yellow (34%)
- Blue (71%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5B5 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 00A5B5 by changing the saturation by 10% instead.

 00A5B5

 00A5B5

FFFFFF

 008A9A

 61DCED

 007180

 81F9FF

 005867

 9FFFFFFF

 00404F

 BEFFFF

 002938

 DCFFFF

 000E23

 FBFFFF

 00000B

 000000

 00A5B5

 12A7B5

 24A8B5

 36AAB5

 48ABB5

 5BADB5

 6DAFB5

 7FB0B5

 91B2B5

 A3B3B5

Harmonies

Analogous

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



36A696



00A5B5



32A0CB

Triad

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



00A5B5



BE82B3



A89457

Complementary

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



00A5B5



B51000

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.



C18960



00A5B5



D07D95

Square

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



00A5B5



9B8DCA



D08076



879D60

Rectangle

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



00A5B5



599BD2



D08076



B19158

Sweetspot

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



00A5B5



A4E4EB



00B50F



4B7275



F5F5F5



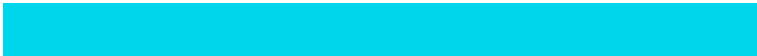
757575

Same Dimension

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



00A5B5



00D6EB



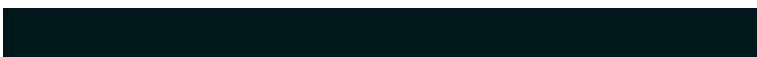
004BB5



505859



008B99



00171A

Inverse Universe

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



B500A5



EB00D6



B56A00



595058



99008B



1A0017

Previews

White Background



This preview shows how the Hex color 00A5B5 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 00A5B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

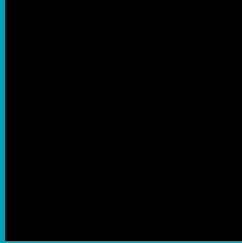
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

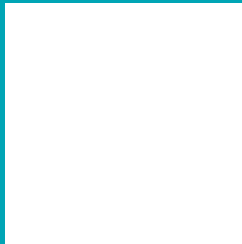
Any Text WCAG AAA ✓ Pass

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

Hex 00A5B5 Background



This preview shows how black text looks on a background with the Hex color 00A5B5.

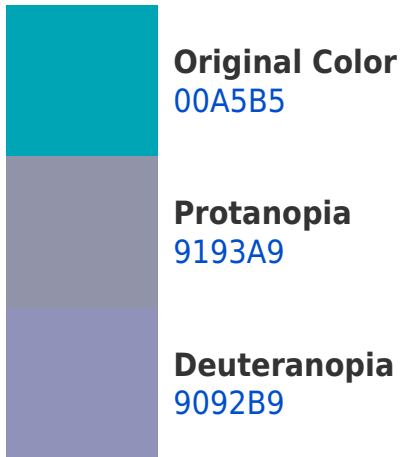


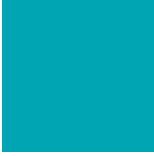
This preview shows how white text looks on a background with the Hex color 00A5B5.

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



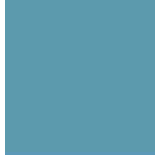


Tritanopia
00A5B3

Trichromacy



Original Color
00A5B5



Protanomaly
5C9AAD



Deuteranomaly
5C99B8



Tritanomaly
00A5B4

Monochromacy



Original Color
00A5B5



Achromatopsia
757575



Achromatomaly
4A868C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5B5 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 #00A5B5 looks like.

```
.text, #text, p{  
    color:#00A5B5  
}
```

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 #00A5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5B5
}
```

Border

The CSS property to change the border of an element to Hex 00A5B5 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
#00A5B5 }
```

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

```
.border{ border-color:#00A5B5 }
```

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

Here you see how a box with a 4 pixel #00A5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5B5; -webkit-box-shadow:4px 4px  
4px 4px #00A5B5; box-shadow:4px 4px 4px  
4px #00A5B5 }
```

Background

The CSS property to change the background color of an element to Hex 00A5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5B5 }
```

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

```
.background{ background-color:#00A5B5 }
```

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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