

Converting Colors

Hex(00A5DA)

Have a look what the booklet for
Hex(00A5DA) contains.

Hex(00A5DA)	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(00A5DA)

Conversions

Conversions Part 1

Format	Color
Hex	00A5DA
RGB	0, 165, 218
RGB Percent	0%, 65%, 85%
CMY	1.0000, 0.3529, 0.1451
CMYK	1.00, 0.24, 0.00, 0.15
HSL	195°, 100%, 43%
HSV	195°, 100%, 85%
XYZ	26.1100, 31.9722, 71.1248
YIQ	121.7070, -115.3530, -18.4970

Conversions

Conversions Part 2

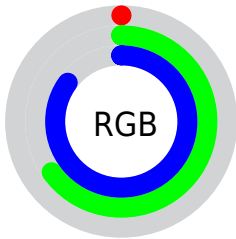
Format	Color
RYB	0, 94, 218
Decimal	42458
CIELab	63.32, -16.86, -36.78
CIELCh	63, 40.457, 245.365
Yxy	31.9722, 0.2021, 0.2474
Android (android.graphics.Color)	4278232538 (0xFF00A5DA)
YUV	121.7070, 47.4724, -106.7370
Hunter-Lab	56.5440, -16.5270, -34.9981

Details

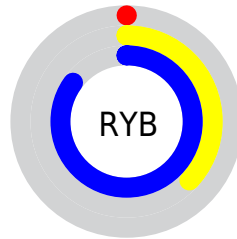
The Hex color **00A5DA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DA3500**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **68DCFF**, and **0071A3** is the 20% darker color. If you saturate the color by 10%, you get **00A5DA**, and if you desaturate by 10%, it is **16AADA**.

Distribution



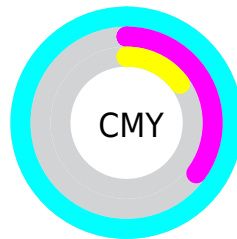
- Red (0%)
- Green (65%)
- Blue (85%)



- Red (0%)
- Yellow (37%)
- Blue (85%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5DA 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 00A5DA by changing the saturation by 10% instead.

 00A5DA

 00A5DA

FFFFFF

 008BBE

 68DCFF

 0071A3

 89F9FF

 005988

 A8FFFF

 00416F

 C7FFFF

 002B56

 E6FFFF

 00173E

 000328

 000112

 000000

 00A5DA

 16AADA

 2CB0DA

 41B5DA

 57BADA

 6DC0DA

 83C5DA

 99CADA

 AECFDA

 C4D5DA

Harmonies

Analogous

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



00ABC2



00A5DA



6C9BE1

Triad

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



00A5DA



DD7C94



83A35D

Complementary

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



00A5DA



DA3500

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.



AA9950



00A5DA



DB8171

Square

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



00A5DA



CB81B8



C88D58



55AA7A

Rectangle

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



00A5DA



9492DA



C88D58



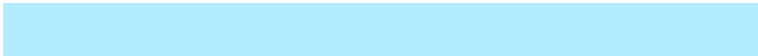
91A056

Sweetspot

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



00A5DA



B3ECFF



00DA33



527480



000000



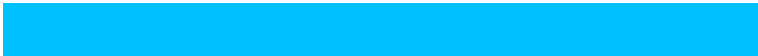
808080

Same Dimension

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



00A5DA



00C1FF



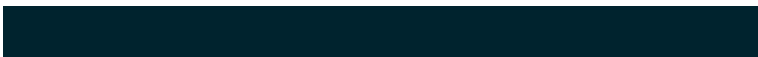
003ADA



636B6E



0083AD



00232E

Inverse Universe

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



DA00A5



FF00C1



DAA000



6E636B



AD0083



2E0023

Previews

White Background



This preview shows how the Hex color 00A5DA looks on a white background.

Color Contrast Check

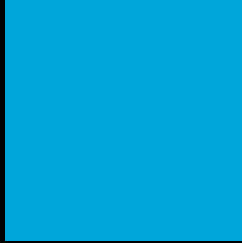
Large Text (above 18pt) WCAG AA × Fail

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 00A5DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

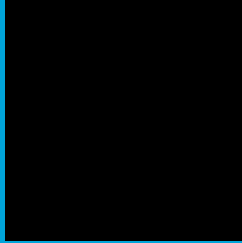
Any Text WCAG AA ✓ Pass

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 00A5DA Background



This preview shows how black text looks on a background with the Hex color 00A5DA.

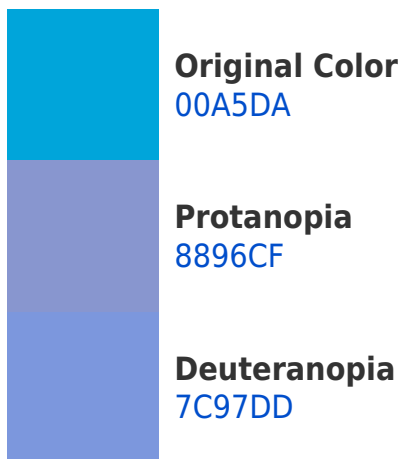


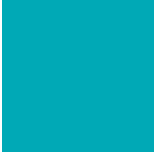
This preview shows how white text looks on a background with the Hex color 00A5DA.

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
00A9B6

Trichromacy



Original Color
00A5DA



Protanomaly
579BD3



Deuteranomaly
4F9CDC



Tritanomaly
00A8C3

Monochromacy



Original Color
00A5DA



Achromatopsia
7A7A7A



Achromatomaly
4E8A9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5DA 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 #00A5DA looks like.

```
.text, #text, p{  
    color:#00A5DA  
}
```

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 #00A5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5DA
}
```

Border

The CSS property to change the border of an element to Hex 00A5DA 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
#00A5DA }
```

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

```
.border{ border-color:#00A5DA }
```

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

Here you see how a box with a 4 pixel #00A5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5DA; -webkit-box-shadow:4px 4px  
4px 4px #00A5DA; box-shadow:4px 4px 4px  
4px #00A5DA }
```

Background

The CSS property to change the background color of an element to Hex 00A5DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5DA }
```

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

```
.background{ background-color:#00A5DA }
```

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