

# Converting Colors

Hex(00A5D6)

Have a look what the booklet for  
Hex(00A5D6) contains.

<b>Hex(00A5D6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(00A5D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A5D6
RGB	0, 165, 214
RGB Percent	0%, 65%, 84%
CMY	1.0000, 0.3529, 0.1608
CMYK	1.00, 0.23, 0.00, 0.16
HSL	194°, 100%, 42%
HSV	194°, 100%, 84%
XYZ	25.5927, 31.7653, 68.4008
YIQ	121.2510, -114.0690, -19.7410

# Conversions

## Conversions Part 2

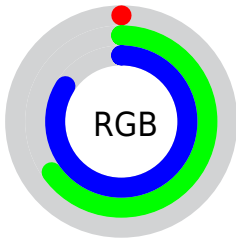
Format	Color
<a href="#">RYB</a>	0, 93, 214
Decimal	42454
CIELab	63.15, -18.29, -34.83
CIELCh	63, 39.335, 242.298
Yxy	31.7653, 0.2035, 0.2526
Android (android.graphics.Color)	4278232534 (0xFF00A5D6)
YUV	121.2510, 45.7253, -106.3371
Hunter-Lab	56.3607, -17.5765, -32.5033

# Details

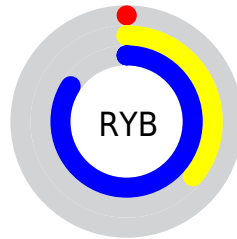
The Hex color **00A5D6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D63100**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **67DCFF**, and **00719F** is the 20% darker color. If you saturate the color by 10%, you get **00A5D6**, and if you desaturate by 10%, it is **15AAD6**.

# Distribution



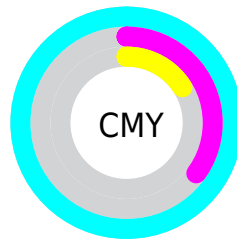
- Red (0%)
- Green (65%)
- Blue (84%)



- Red (0%)
- Yellow (36%)
- Blue (84%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (35%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A5D6 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 00A5D6 by changing the saturation by 10% instead.



 00A5D6

 00A5D6

FFFFFF

 008BBA

 67DCFF

 00719F

 88F9FF

 005985

 A7FFFF


 00416B

 C6FFFF

 002B53

 E5FFFF

 00173B

 000225

 00010E

 000000

 00A5D6

 15AAD6

 2BAFD6

 40B4D6

 56B9D6

 6BBED6

 80C2D6

 96C7D6

 ABCCD6

 C1D1D6

# Harmonies

## Analogous

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



00AABD



00A5D6



679BDE

# Triad

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



00A5D6



DA7D97



88A25C

# Complementary

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



00A5D6



D63100

# 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.



AC9852



00A5D6



DA8175

# Square

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



00A5D6



C783BA



C98B5C



5CA877

# Rectangle

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



00A5D6



8F93D9



C98B5C



959F56

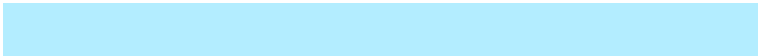


# Sweetspot

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



00A5D6



B3EDFF



00D62E



527580



000000



808080

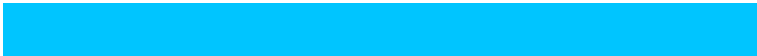


# Same Dimension

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



00A5D6



00C5FF



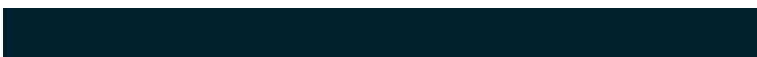
003DD6



60696B



0084AB



00212B



# Inverse Universe

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



D600A5



FF00C5



D69900



6B6069



AB0084



2B0021



# Previews

## White Background



This preview shows how the Hex color 00A5D6 looks on a white background.

## Color Contrast Check

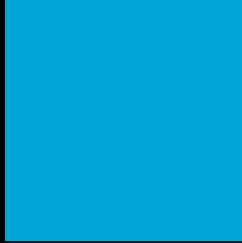
Large Text (above 18pt) WCAG AA × Fail

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 00A5D6 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 00A5D6 Background



This preview shows how black text looks on a background with the Hex color 00A5D6.

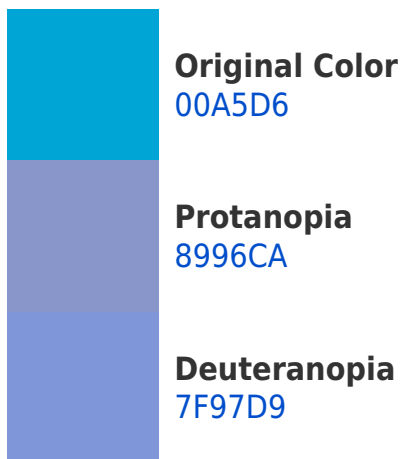


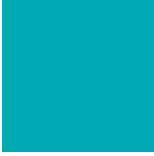
This preview shows how white text looks on a background with the Hex color 00A5D6.

# 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**  
00A5D6



**Protanomaly**  
579BCE



**Deuteranomaly**  
519CD8



**Tritanomaly**  
00A8C2

# Monochromacy



**Original Color**  
00A5D6



**Achromatopsia**  
797979



**Achromatomaly**  
4D899B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A5D6 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 #00A5D6 looks like.

```
.text, #text, p{  
    color:#00A5D6  
}
```

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 #00A5D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5D6  
}
```

## Border

The CSS property to change the border of an element to Hex 00A5D6 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  
#00A5D6 }
```

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

```
.border{ border-color:#00A5D6 }
```

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

Here you see how a box with a 4 pixel #00A5D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5D6; -webkit-box-shadow:4px 4px  
4px 4px #00A5D6; box-shadow:4px 4px 4px  
4px #00A5D6 }
```

# Background

The CSS property to change the background color of an element to Hex 00A5D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5D6 }
```

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

```
.background{ background-color:#00A5D6 }
```

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