

Converting Colors

Hex(00A2D5)

Have a look what the booklet for
Hex(00A2D5) contains.

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Color

Hex(00A2D5)

Conversions

Conversions Part 1

Format	Color
Hex	00A2D5
RGB	0, 162, 213
RGB Percent	0%, 64%, 84%
CMY	1.0000, 0.3647, 0.1647
CMYK	1.00, 0.24, 0.00, 0.16
HSL	194°, 100%, 42%
HSV	194°, 100%, 84%
XYZ	24.9306, 30.6448, 67.5518
YIQ	119.3760, -112.9230, -18.4830

Conversions

Conversions Part 2

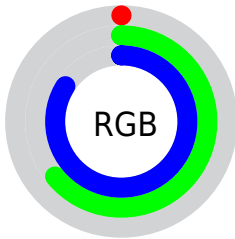
Format	Color
RYB	0, 92, 213
Decimal	41685
CIELab	62.21, -17.04, -35.74
CIELCh	62, 39.591, 244.515
Yxy	30.6448, 0.2025, 0.2489
Android (android.graphics.Color)	4278231765 (0xFF00A2D5)
YUV	119.3760, 46.1566, -104.6928
Hunter-Lab	55.3577, -16.4878, -33.5999

Details

The Hex color **00A2D5** 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 **D53300**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **67D9FF**, and **006E9E** is the 20% darker color. If you saturate the color by 10%, you get **00A2D5**, and if you desaturate by 10%, it is **15A7D5**.

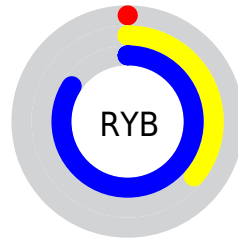
Distribution



Red (0%)

Green (64%)

Blue (84%)



Red (0%)

Yellow (36%)

Blue (84%)

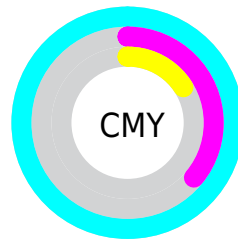


Cyan (100%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (100%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2D5 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 00A2D5 by changing the saturation by 10% instead.

 00A2D5

 00A2D5

FFFFFF

 0088B9

 67D9FF

 006E9E

 87F5FF

 005684

 A6FFFF

 003F6A

 C5FFFF

 002952

 E4FFFF

 00133B

 000224

 00000C

 000000

■ 00A2D5

■ 15A7D5

■ 2BACD5

■ 40B1D5

■ 55B6D5

■ 6BBBD5

■ 80C1D5

■ 95C6D5

■ AACBD5

■ C0D0D5

Harmonies

Analogous

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



00A7BD



00A2D5



6998DC

Triad

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



00A2D5



D87A92



82A05B

Complementary

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



00A2D5



D53300

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.



A7964F



00A2D5



D77F70

Square

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



00A2D5



C77FB5



C58A57



56A677

Rectangle

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



00A2D5



9090D6



C58A57



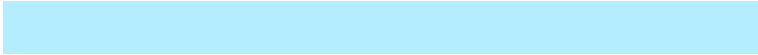
8F9D55

Sweetspot

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



00A2D5



B3EDFF



00D532



527580



000000



808080

Same Dimension

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



00A2D5



00C2FF



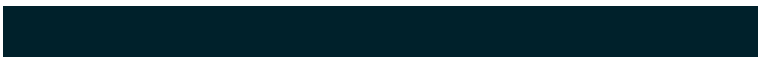
0039D5



60696B



0082AB



00212B

Inverse Universe

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



D500A2



FF00C2



D59C00



6B6069



AB0082



2B0021

Previews

White Background



This preview shows how the Hex color 00A2D5 looks on a white background.

Color Contrast Check

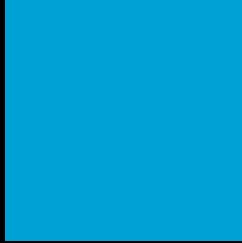
Large Text (above 18pt) WCAG AA × Fail

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 00A2D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

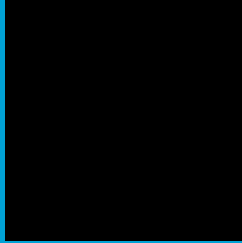
Any Text WCAG AA ✓ Pass

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 00A2D5 Background



This preview shows how black text looks on a background with the Hex color 00A2D5.

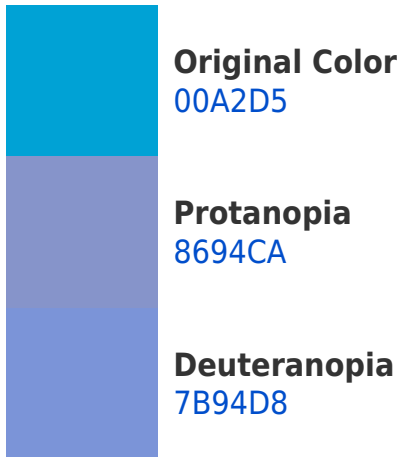


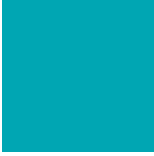
This preview shows how white text looks on a background with the Hex color 00A2D5.

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
00A2D5



Protanomaly
5599CE



Deuteranomaly
4E99D7



Tritanomaly
00A5BF

Monochromacy



Original Color
00A2D5



Achromatopsia
777777



Achromatomaly
4C8799

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2D5 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 #00A2D5 looks like.

```
.text, #text, p{  
    color:#00A2D5  
}
```

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 #00A2D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2D5  
}
```

Border

The CSS property to change the border of an element to Hex 00A2D5 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  
#00A2D5 }
```

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

```
.border{ border-color:#00A2D5 }
```

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

Here you see how a box with a 4 pixel #00A2D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2D5; -webkit-box-shadow:4px 4px  
4px 4px #00A2D5; box-shadow:4px 4px 4px  
4px #00A2D5 }
```

Background

The CSS property to change the background color of an element to Hex 00A2D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2D5 }
```

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

```
.background{ background-color:#00A2D5 }
```

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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