

Converting Colors

Hex(00A0D2)

Have a look what the booklet for
Hex(00A0D2) contains.

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Color

Hex(00A0D2)

Conversions

Conversions Part 1

Format	Color
Hex	00A0D2
RGB	0, 160, 210
RGB Percent	0%, 63%, 82%
CMY	1.0000, 0.3725, 0.1765
CMYK	1.00, 0.24, 0.00, 0.18
HSL	194°, 100%, 41%
HSV	194°, 100%, 82%
XYZ	24.2037, 29.7948, 65.4481
YIQ	117.8600, -111.4100, -18.3700

Conversions

Conversions Part 2

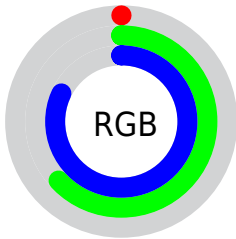
Format	Color
RYB	0, 91, 210
Decimal	41170
CIELab	61.48, -17.03, -35.21
CIElCh	61, 39.110, 244.186
Yxy	29.7948, 0.2026, 0.2494
Android (android.graphics.Color)	4278231250 (0xFF00A0D2)
YUV	117.8600, 45.4250, -103.3632
Hunter-Lab	54.5846, -16.3733, -32.8808

Details

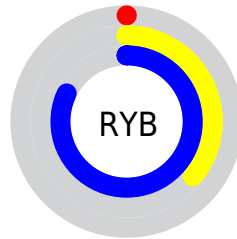
The Hex color **00A0D2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D23200**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66D7FF**, and **006C9B** is the 20% darker color. If you saturate the color by 10%, you get **00A0D2**, and if you desaturate by 10%, it is **15A5D2**.

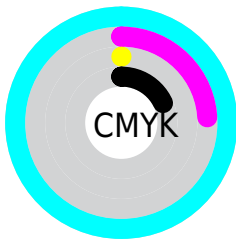
Distribution



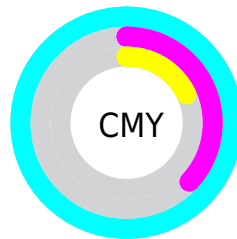
- Red (0%)
- Green (63%)
- Blue (82%)



- Red (0%)
- Yellow (36%)
- Blue (82%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0D2 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 00A0D2 by changing the saturation by 10% instead.

 00A0D2

 00A0D2

FFFFFF

 0086B6

 66D7FF

 006C9B

 86F3FF

 005481

 A5FFFF

 003D68

 C4FFFF

 00274F

 E3FFFF

 000F38

 000222

 000008

 000000

 00A0D2

 15A5D2

 2AAAD2

 3FAFD2

 54B4D2

 69B9D2

 7EBED2

 93C3D2

 A8C8D2

 BDCDD2

Harmonies

Analogous

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



00A5BA



00A0D2



6796D9

Triad

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



00A0D2



D57891



819E5A

Complementary

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



00A0D2



D23200

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.



A6944E



00A0D2



D47D6F

Square

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



00A0D2



C47EB3



C38857



55A475

Rectangle

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



00A0D2



8E8ED4



C38857



8E9B54

Sweetspot

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



00A0D2



B3EDFF



00D231



527580



000000



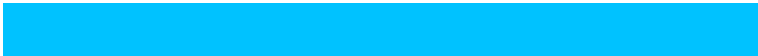
808080

Same Dimension

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



00A0D2



00C2FF



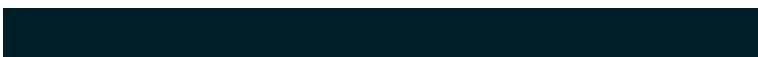
0038D2



5E6669



0080A8



001F29

Inverse Universe

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



D200A0



FF00C2



D29A00



695E66



A80080



29001F

Previews

White Background



This preview shows how the Hex color 00A0D2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 00A0D2 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 × Fail

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

Hex 00A0D2 Background



This preview shows how black text looks on a background with the Hex color 00A0D2.



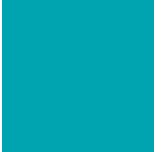
This preview shows how white text looks on a background with the Hex color 00A0D2.

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
00A4B1

Trichromacy



Original Color
00A0D2



Protanomaly
5497CB



Deuteranomaly
4E97D4



Tritanomaly
00A3BD

Monochromacy



Original Color
00A0D2



Achromatopsia
767676



Achromatomaly
4B8597

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0D2 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 #00A0D2 looks like.

```
.text, #text, p{  
    color:#00A0D2  
}
```

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 #00A0D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0D2
}
```

Border

The CSS property to change the border of an element to Hex 00A0D2 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
#00A0D2 }
```

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

```
.border{ border-color:#00A0D2 }
```

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

Here you see how a box with a 4 pixel #00A0D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0D2; -webkit-box-shadow:4px 4px  
4px 4px #00A0D2; box-shadow:4px 4px 4px  
4px #00A0D2 }
```

Background

The CSS property to change the background color of an element to Hex 00A0D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0D2 }
```

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

```
.background{ background-color:#00A0D2 }
```

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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