

Converting Colors

Hex(00A3D2)

Have a look what the booklet for
Hex(00A3D2) contains.

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Color

Hex(00A3D2)

Conversions

Conversions Part 1

Format	Color
Hex	00A3D2
RGB	0, 163, 210
RGB Percent	0%, 64%, 82%
CMY	1.0000, 0.3608, 0.1765
CMYK	1.00, 0.22, 0.00, 0.18
HSL	193°, 100%, 41%
HSV	193°, 100%, 82%
XYZ	24.7301, 30.8475, 65.6235
YIQ	119.6210, -112.2350, -19.9390

Conversions

Conversions Part 2

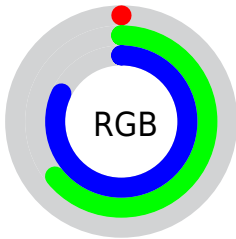
Format	Color
RYB	0, 92, 210
Decimal	41938
CIELab	62.38, -18.64, -33.80
CIELCh	62, 38.601, 241.130
Yxy	30.8475, 0.2040, 0.2545
Android (android.graphics.Color)	4278232018 (0xFF00A3D2)
YUV	119.6210, 44.5568, -104.9076
Hunter-Lab	55.5406, -17.7168, -31.1753

Details

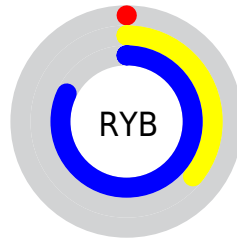
The Hex color **00A3D2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D22F00**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **66DAFF**, and **006F9B** is the 20% darker color. If you saturate the color by 10%, you get **00A3D2**, and if you desaturate by 10%, it is **15A8D2**.

Distribution



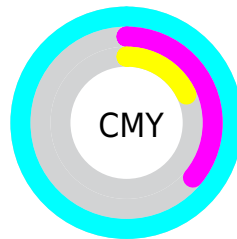
- Red (0%)
- Green (64%)
- Blue (82%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A3D2 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 00A3D2 by changing the saturation by 10% instead.

 00A3D2

 00A3D2

FFFFFF

 0089B6

 66DAFF

 006F9B

 87F6FF

 005781

 A6FFFF

 003F68

 C5FFFF

 00294F

 E4FFFF

 001338

 000222

 000008

 000000

■ 00A3D2

■ 15A8D2

■ 2AACD2

■ 3FB1D2

■ 54B6D2

■ 69BAD2

■ 7EBFD2

■ 93C4D2

■ A8C9D2

■ BDCDD2

Harmonies

Analogous

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



00A8B9



00A3D2



649ADB

Triad

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



00A3D2



D67B97



889F5B

Complementary

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



00A3D2



D22F00

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.



AB9551



00A3D2



D77F75

Square

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



00A3D2



C381B8



C7895C



5EA675

Rectangle

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



00A3D2



8B92D7



C7895C



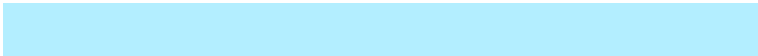
949C55

Sweetspot

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



00A3D2



B3EEFF



00D22E



527580



000000



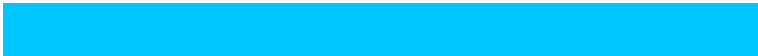
808080

Same Dimension

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



00A3D2



00C6FF



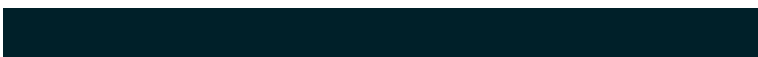
003BD2



5E6669



0083A8



002029

Inverse Universe

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



D200A3



FF00C6



D29700



695E66



A80083



290020

Previews

White Background



This preview shows how the Hex color 00A3D2 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 00A3D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

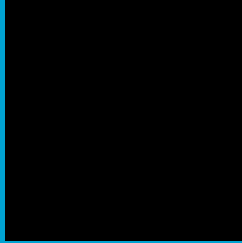
Any Text WCAG AA ✓ Pass

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 00A3D2 Background



This preview shows how black text looks on a background with the Hex color 00A3D2.



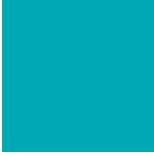
This preview shows how white text looks on a background with the Hex color 00A3D2.

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
00A7B4

Trichromacy



Original Color
00A3D2



Protanomaly
5799CB



Deuteranomaly
5099D4



Tritanomaly
00A6BF

Monochromacy



Original Color
00A3D2



Achromatopsia
787878



Achromatomaly
4C8899

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A3D2 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 #00A3D2 looks like.

```
.text, #text, p{  
    color:#00A3D2  
}
```

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 #00A3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3D2
}
```

Border

The CSS property to change the border of an element to Hex 00A3D2 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
#00A3D2 }
```

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

```
.border{ border-color:#00A3D2 }
```

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

Here you see how a box with a 4 pixel #00A3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3D2; -webkit-box-shadow:4px 4px  
4px 4px #00A3D2; box-shadow:4px 4px 4px  
4px #00A3D2 }
```

Background

The CSS property to change the background color of an element to Hex 00A3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3D2 }
```

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

```
.background{ background-color:#00A3D2 }
```

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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