

Converting Colors

Hex(00A4D7)

Have a look what the booklet for
Hex(00A4D7) contains.

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Color

Hex(00A4D7)

Conversions

Conversions Part 1

Format	Color
Hex	00A4D7
RGB	0, 164, 215
RGB Percent	0%, 64%, 84%
CMY	1.0000, 0.3569, 0.1569
CMYK	1.00, 0.24, 0.00, 0.16
HSL	194°, 100%, 42%
HSV	194°, 100%, 84%
XYZ	25.5412, 31.4572, 69.0157
YIQ	120.7780, -114.1150, -18.9070

Conversions

Conversions Part 2

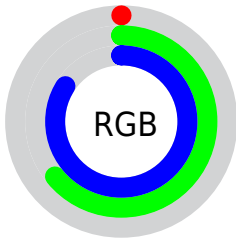
Format	Color
RYB	0, 93, 215
Decimal	42199
CIELab	62.89, -17.40, -35.78
CIElCh	63, 39.786, 244.072
Yxy	31.4572, 0.2027, 0.2496
Android (android.graphics.Color)	4278232279 (0xFF00A4D7)
YUV	120.7780, 46.4514, -105.9223
Hunter-Lab	56.0867, -16.8651, -33.6966

Details

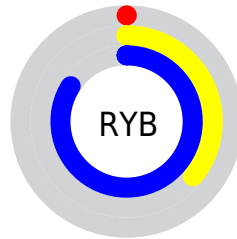
The Hex color **00A4D7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D73300**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67DBFF**, and **0070A0** is the 20% darker color. If you saturate the color by 10%, you get **00A4D7**, and if you desaturate by 10%, it is **15A9D7**.

Distribution



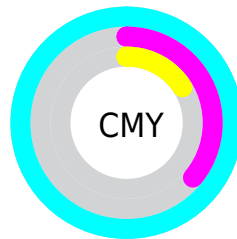
- Red (0%)
- Green (64%)
- Blue (84%)



- 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 00A4D7 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 00A4D7 by changing the saturation by 10% instead.

 00A4D7


 00A4D7

FFFFFF

 008ABB

 67DBFF

 0070A0

 88F8FF

 005886

 A7FFFF

 00406C

 C6FFFF

 002A54

 E5FFFF

 00163C

 000226

 00010F

 000000

 00A4D7

 15A9D7

 2BAED7

 41B3D7

 56B8D7

 6CBED7

 81C3D7

 97C8D7

 ACCDD7

 C2D2D7

Harmonies

Analogous

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



00A9BF



00A4D7



699ADE

Triad

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



00A4D7



DB7C95



85A25C

Complementary

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



00A4D7



D73300

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.



AA9850



00A4D7



D98072

Square

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



00A4D7



C881B8



C78B59



58A878

Rectangle

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



00A4D7



9192D9



C78B59



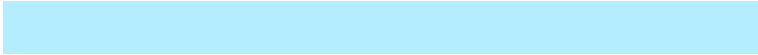
929F56

Sweetspot

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



00A4D7



B3EDFF



00D732



527580



000000



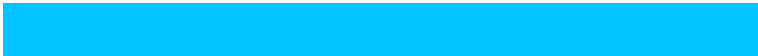
808080

Same Dimension

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



00A4D7



00C3FF



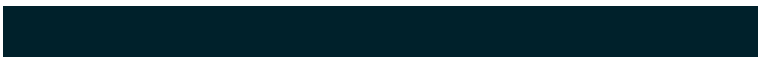
0039D7



60696B



0082AB



00212B

Inverse Universe

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



D700A4



FF00C3



D79E00



6B6069



AB0082



2B0021

Previews

White Background



This preview shows how the Hex color 00A4D7 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 00A4D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

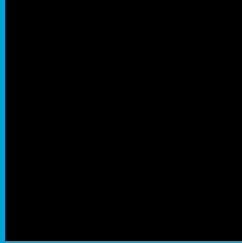
Any Text WCAG AA ✓ Pass

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 00A4D7 Background



This preview shows how black text looks on a background with the Hex color 00A4D7.

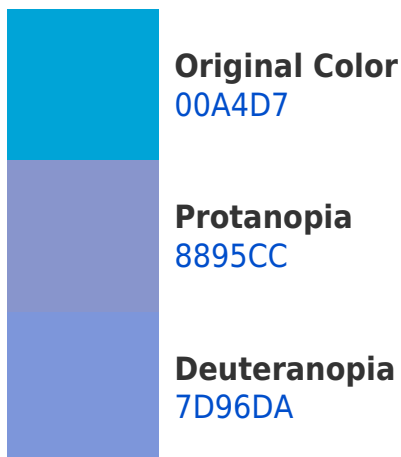


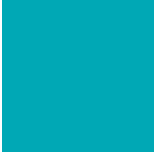
This preview shows how white text looks on a background with the Hex color 00A4D7.

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
00A8B5

Trichromacy



Original Color
00A4D7



Protanomaly
579AD0



Deuteranomaly
509BD9



Tritanomaly
00A7C1

Monochromacy



Original Color
00A4D7



Achromatopsia
797979



Achromatomaly
4D899B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A4D7 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 #00A4D7 looks like.

```
.text, #text, p{  
    color:#00A4D7  
}
```

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 #00A4D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4D7
}
```

Border

The CSS property to change the border of an element to Hex 00A4D7 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
#00A4D7 }
```

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

```
.border{ border-color:#00A4D7 }
```

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

Here you see how a box with a 4 pixel #00A4D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4D7; -webkit-box-shadow:4px 4px  
4px 4px #00A4D7; box-shadow:4px 4px 4px  
4px #00A4D7 }
```

Background

The CSS property to change the background color of an element to Hex 00A4D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4D7 }
```

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

```
.background{ background-color:#00A4D7 }
```

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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