

Converting Colors

Hex(00A8D4)

Have a look what the booklet for
Hex(00A8D4) contains.

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Color

Hex(00A8D4)

Conversions

Conversions Part 1

Format	Color
Hex	00A8D4
RGB	0, 168, 212
RGB Percent	0%, 66%, 83%
CMY	1.0000, 0.3412, 0.1686
CMYK	1.00, 0.21, 0.00, 0.17
HSL	192°, 100%, 42%
HSV	192°, 100%, 83%
XYZ	25.8863, 32.7587, 67.2461
YIQ	122.7840, -114.2520, -21.9320

Conversions

Conversions Part 2

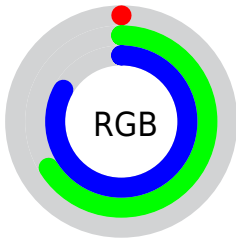
Format	Color
RYB	0, 94, 212
Decimal	43220
CIELab	63.97, -20.58, -32.45
CIElCh	64, 38.423, 237.621
Yxy	32.7587, 0.2056, 0.2602
Android (android.graphics.Color)	4278233300 (0xFF00A8D4)
YUV	122.7840, 43.9835, -107.6816
Hunter-Lab	57.2352, -19.4299, -29.5955

Details

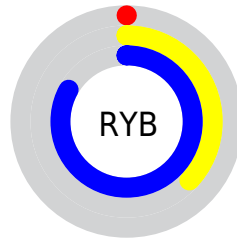
The Hex color **00A8D4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D42C00**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **67DFFF**, and **00749D** is the 20% darker color. If you saturate the color by 10%, you get **00A8D4**, and if you desaturate by 10%, it is **15ACD4**.

Distribution



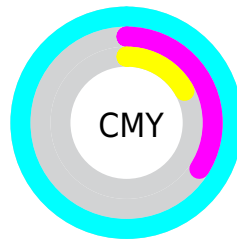
- Red (0%)
- Green (66%)
- Blue (83%)



- Red (0%)
- Yellow (37%)
- Blue (83%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8D4 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 00A8D4 by changing the saturation by 10% instead.

 00A8D4

 00A8D4

FFFFFF

 008DB8

 67DFFF

 00749D

 88FCFF

 005B83

 A7FFFF

 00436A

 C6FFFF

 002D51

 E5FFFF

 00193A

 000224

 00000C

 000000

■ 00A8D4

■ 15ACD4

■ 2AB1D4

■ 40B5D4

■ 55BAD4

■ 6ABED4

■ 7FC2D4

■ 94C7D4

■ AACBD4

■ BFD0D4

Harmonies

Analogous

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



00ACBA



00A8D4



619FDF

Triad

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



00A8D4



D9809F



90A25D

Complementary

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



00A8D4



D42C00

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.



B39856



00A8D4



DC827D

Square

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



00A8D4



C387C0



CE8C62



67A975

Rectangle

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



00A8D4



8997DC



CE8C62



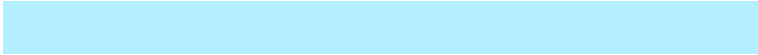
9D9F58

Sweetspot

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



00A8D4



B3EFFF



00D42A



527680



000000



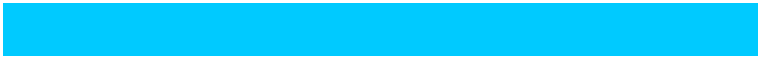
808080

Same Dimension

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



00A8D4



00CAFF



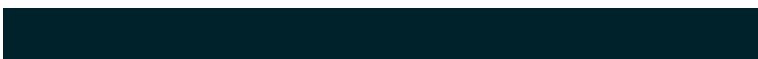
0040D4



60696B



0087AB



00222B

Inverse Universe

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



D400A8



FF00CA



D49400



6B6069



AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 00A8D4 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 00A8D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

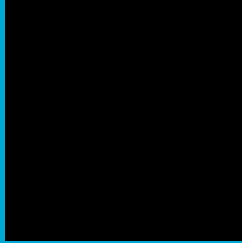
Any Text WCAG AA ✓ Pass

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 00A8D4 Background



This preview shows how black text looks on a background with the Hex color 00A8D4.

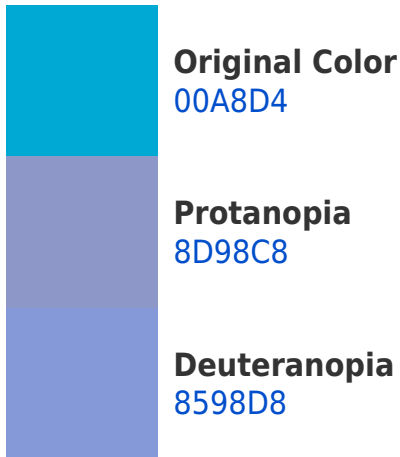


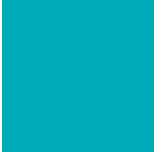
This preview shows how white text looks on a background with the Hex color 00A8D4.

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
00ABB9

Trichromacy



Original Color
00A8D4



Protanomaly
5A9ECC



Deuteranomaly
559ED7



Tritanomaly
00AAC3

Monochromacy



Original Color
00A8D4



Achromatopsia
7B7B7B



Achromatomaly
4E8B9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8D4 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 #00A8D4 looks like.

```
.text, #text, p{  
    color:#00A8D4  
}
```

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 #00A8D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8D4
}
```

Border

The CSS property to change the border of an element to Hex 00A8D4 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
#00A8D4 }
```

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

```
.border{ border-color:#00A8D4 }
```

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

Here you see how a box with a 4 pixel #00A8D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8D4; -webkit-box-shadow:4px 4px  
4px 4px #00A8D4; box-shadow:4px 4px 4px  
4px #00A8D4 }
```

Background

The CSS property to change the background color of an element to Hex 00A8D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8D4 }
```

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

```
.background{ background-color:#00A8D4 }
```

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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