

Converting Colors

Hex(00A3D8)

Have a look what the booklet for
Hex(00A3D8) contains.

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Color

Hex(00A3D8)

Conversions

Conversions Part 1

Format	Color
Hex	00A3D8
RGB	0, 163, 216
RGB Percent	0%, 64%, 85%
CMY	1.0000, 0.3608, 0.1529
CMYK	1.00, 0.25, 0.00, 0.15
HSL	195°, 100%, 42%
HSV	195°, 100%, 85%
XYZ	25.4919, 31.1523, 69.6352
YIQ	120.3050, -114.1610, -18.0730

Conversions

Conversions Part 2

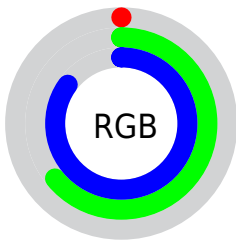
Format	Color
R _{YB}	0, 93, 216
Decimal	41944
CIE Lab	62.64, -16.50, -36.73
CIE LCh	63, 40.271, 245.810
Yxy	31.1523, 0.2019, 0.2467
Android (android.graphics.Color)	4278232024 (0xFF00A3D8)
YUV	120.3050, 47.1776, -105.5075
Hunter-Lab	55.8142, -16.1491, -34.9017

Details

The Hex color **00A3D8** 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 **D83500**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67DAFF**, and **006FA1** is the 20% darker color. If you saturate the color by 10%, you get **00A3D8**, and if you desaturate by 10%, it is **16A8D8**.

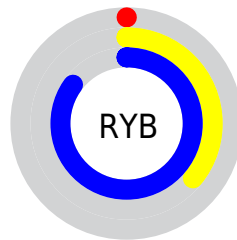
Distribution



Red (0%)

Green (64%)

Blue (85%)



Red (0%)

Yellow (36%)

Blue (85%)

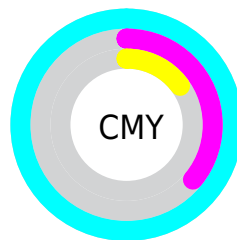


Cyan (100%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (100%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A3D8 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 00A3D8 by changing the saturation by 10% instead.

 00A3D8

 00A3D8

FFFFFF

 0089BC

 67DAFF

 006FA1

 88F6FF

 005786

 A7FFFF

 00406D

 C6FFFF

 002A54

 E5FFFF

 00153D

 000326

 000110

 000000

 00A3D8

 16A8D8

 2BAED8

 41B3D8

 56B8D8

 6CBED8

 82C3D8

 97C8D8

 ADCDD8

 C2D3D8

Harmonies

Analogous

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



00A9C0



00A3D8



6B99DE

Triad

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



00A3D8



DB7A92



81A25C

Complementary

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



00A3D8



D83500

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.



A7984F



00A3D8



D8806F

Square

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



00A3D8



CA7FB6



C68B57



53A879

Rectangle

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



00A3D8



9390D8



C68B57



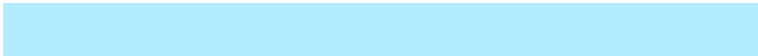
8F9F55

Sweetspot

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



00A3D8



B3ECFF



00D832



527480



000000



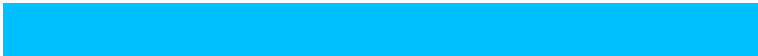
808080

Same Dimension

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



00A3D8



00C0FF



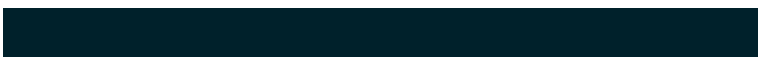
003AD8



60686B



0081AB



00212B

Inverse Universe

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



D800A3



FF00C0



D89E00



6B6068



AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 00A3D8 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 00A3D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

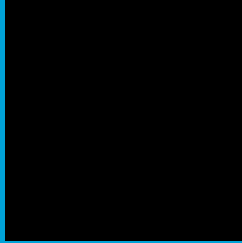
Any Text WCAG AA ✓ Pass

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 00A3D8 Background



This preview shows how black text looks on a background with the Hex color 00A3D8.

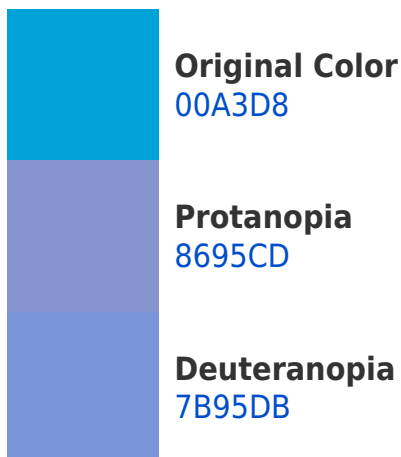


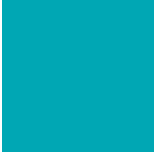
This preview shows how white text looks on a background with the Hex color 00A3D8.

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

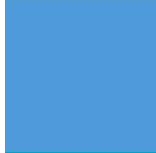
Trichromacy



Original Color
00A3D8



Protanomaly
559AD1



Deuteranomaly
4E9ADA



Tritanomaly
00A6C1

Monochromacy



Original Color
00A3D8



Achromatopsia
787878



Achromatomaly
4C889B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A3D8 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 #00A3D8 looks like.

```
.text, #text, p{  
    color:#00A3D8  
}
```

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 #00A3D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3D8  
}
```

Border

The CSS property to change the border of an element to Hex 00A3D8 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  
#00A3D8 }
```

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

```
.border{ border-color:#00A3D8 }
```

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

Here you see how a box with a 4 pixel #00A3D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3D8; -webkit-box-shadow:4px 4px  
4px 4px #00A3D8; box-shadow:4px 4px 4px  
4px #00A3D8 }
```

Background

The CSS property to change the background color of an element to Hex 00A3D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3D8 }
```

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

```
.background{ background-color:#00A3D8 }
```

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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