

Converting Colors

Hex(00A5D4)

Have a look what the booklet for
Hex(00A5D4) contains.

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Color

Hex(00A5D4)

Conversions

Conversions Part 1

Format	Color
Hex	00A5D4
RGB	0, 165, 212
RGB Percent	0%, 65%, 83%
CMY	1.0000, 0.3529, 0.1686
CMYK	1.00, 0.22, 0.00, 0.17
HSL	193°, 100%, 42%
HSV	193°, 100%, 83%
XYZ	25.3388, 31.6637, 67.0636
YIQ	121.0230, -113.4270, -20.3630

Conversions

Conversions Part 2

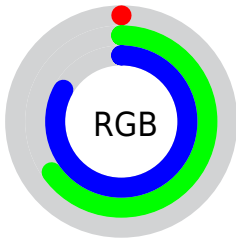
Format	Color
RYB	0, 93, 212
Decimal	42452
CIELab	63.06, -18.99, -33.85
CIELCh	63, 38.813, 240.702
Yxy	31.6637, 0.2042, 0.2552
Android (android.graphics.Color)	4278232532 (0xFF00A5D4)
YUV	121.0230, 44.8517, -106.1372
Hunter-Lab	56.2705, -18.0943, -31.2728

Details

The Hex color **00A5D4** 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 **D42F00**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **67DCFF**, and **00719D** is the 20% darker color. If you saturate the color by 10%, you get **00A5D4**, and if you desaturate by 10%, it is **15AAD4**.

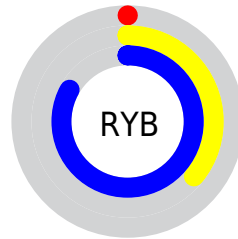
Distribution



Red (0%)

Green (65%)

Blue (83%)



Red (0%)

Yellow (36%)

Blue (83%)

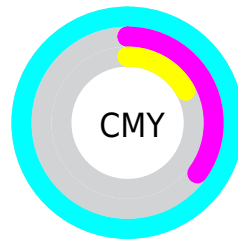


Cyan (100%)

Magenta (22%)

Yellow (0%)

Black (17%)



Cyan (100%)

Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5D4 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 00A5D4 by changing the saturation by 10% instead.

 00A5D4

 00A5D4

FFFFFF

 008BB8

 67DCFF

 00719D

 87F9FF

 005983

 A7FFFF

 00416A

 C6FFFF

 002B51

 E4FFFF

 00163A

 000224

 00000B

 000000

■ 00A5D4

■ 15AAD4

■ 2AAED4

■ 40B3D4

■ 55B8D4

■ 6ABDD4

■ 7FC1D4

■ 94C6D4

■ AACBD4

■ BFCFD4

Harmonies

Analogous

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



00AABB



00A5D4



649CDD

Triad

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



00A5D4



D97D99



8AA15C

Complementary

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



00A5D4



D42F00

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.



AE9753



00A5D4



D98077

Square

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



00A5D4



C483BB



CA8B5D



60A876

Rectangle

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



00A5D4



8C94D9



CA8B5D



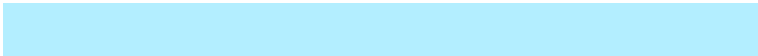
979E56

Sweetspot

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



00A5D4



B3EEFF



00D42E



527580



000000



808080

Same Dimension

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



00A5D4



00C6FF



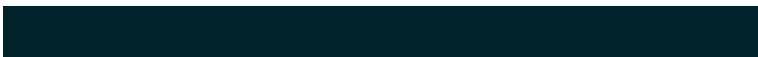
003CD4



60696B



0085AB



00222B

Inverse Universe

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



D400A5



FF00C6



D49800



6B6069



AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 00A5D4 looks on a white background.

Color Contrast Check

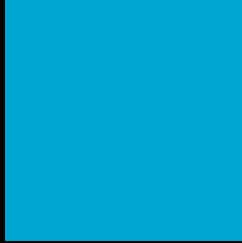
Large Text (above 18pt) WCAG AA × Fail

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 00A5D4 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 00A5D4 Background



This preview shows how black text looks on a background with the Hex color 00A5D4.

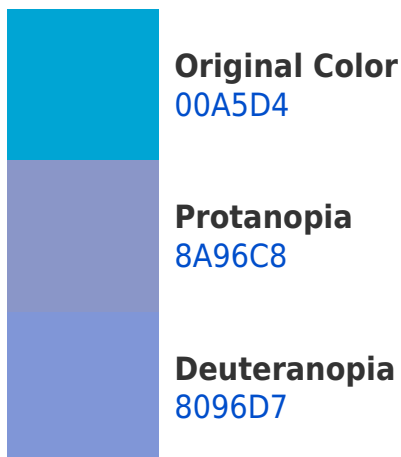


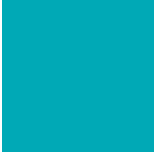
This preview shows how white text looks on a background with the Hex color 00A5D4.

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
00A9B6

Trichromacy



Original Color
00A5D4



Protanomaly
589BCC



Deuteranomaly
519BD6



Tritanomaly
00A8C1

Monochromacy



Original Color
00A5D4



Achromatopsia
797979



Achromatomaly
4D899A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5D4 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 #00A5D4 looks like.

```
.text, #text, p{  
    color:#00A5D4  
}
```

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 #00A5D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5D4
}
```

Border

The CSS property to change the border of an element to Hex 00A5D4 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
#00A5D4 }
```

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

```
.border{ border-color:#00A5D4 }
```

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

Here you see how a box with a 4 pixel #00A5D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5D4; -webkit-box-shadow:4px 4px  
4px 4px #00A5D4; box-shadow:4px 4px 4px  
4px #00A5D4 }
```

Background

The CSS property to change the background color of an element to Hex 00A5D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5D4 }
```

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

```
.background{ background-color:#00A5D4 }
```

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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