

Converting Colors

Hex(00A2CA)

Have a look what the booklet for
Hex(00A2CA) contains.

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Color

Hex(00A2CA)

Conversions

Conversions Part 1

Format	Color
Hex	00A2CA
RGB	0, 162, 202
RGB Percent	0%, 64%, 79%
CMY	1.0000, 0.3647, 0.2078
CMYK	1.00, 0.20, 0.00, 0.21
HSL	192°, 100%, 40%
HSV	192°, 100%, 79%
XYZ	23.5810, 30.1049, 60.4451
YIQ	118.1220, -109.3920, -21.9040

Conversions

Conversions Part 2

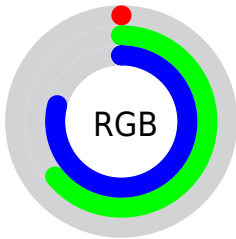
Format	Color
RYB	0, 90, 202
Decimal	41674
CIELab	61.74, -20.93, -30.33
CIELCh	62, 36.849, 235.396
Yxy	30.1049, 0.2066, 0.2638
Android (android.graphics.Color)	4278231754 (0xFF00A2CA)
YUV	118.1220, 41.3519, -103.5930
Hunter-Lab	54.8680, -19.3037, -26.9091

Details

The Hex color **00A2CA** 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 **CA2800**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64D9FF**, and **006E94** is the 20% darker color. If you saturate the color by 10%, you get **00A2CA**, and if you desaturate by 10%, it is **14A6CA**.

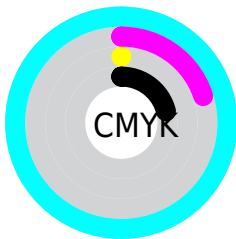
Distribution



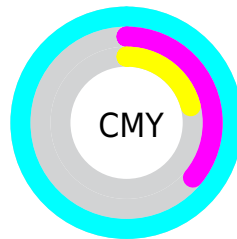
- Red (0%)
- Green (64%)
- Blue (79%)



- Red (0%)
- Yellow (35%)
- Blue (79%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2CA 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 00A2CA by changing the saturation by 10% instead.

 00A2CA

 00A2CA

FFFFFF

 0088AF

 64D9FF

 006E94

 85F6FF

 00567A

 A4FFFF

 003E61

 C2FFFF

 002849

 E1FFFF

 000F32

 00021D

 000000

 00A2CA

 14A6CA

 28AACA

 3DAECA

 51B2CA

 65B6CA

 79BACA

 8DBECA

 A2C2CA

 B6C6CA

Harmonies

Analogous

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



00A6B0



00A2CA



5A9AD6

Triad

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



00A2CA



D07C9C



8E9C59

Complementary

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



00A2CA



CA2800

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.



AF9153



00A2CA



D47D7B

Square

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



00A2CA



B983BB



C78660



67A36F

Rectangle

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



00A2CA



8093D4



C78660



999955

Sweetspot

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



00A2CA



B3FOFF



00CA25



527680



000000



808080

Same Dimension

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



00A2CA



00CDFF



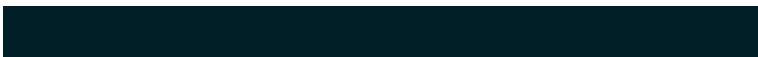
0040CA



5C6466



0085A6



001F26

Inverse Universe

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



CA00A2



FF00CD



CA8A00



665C64



A60085



26001F

Previews

White Background



This preview shows how the Hex color 00A2CA 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 00A2CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

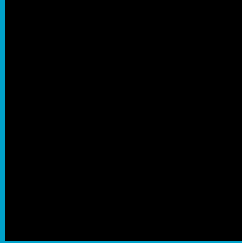
Any Text WCAG AA ✓ Pass

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 00A2CA Background



This preview shows how black text looks on a background with the Hex color 00A2CA.

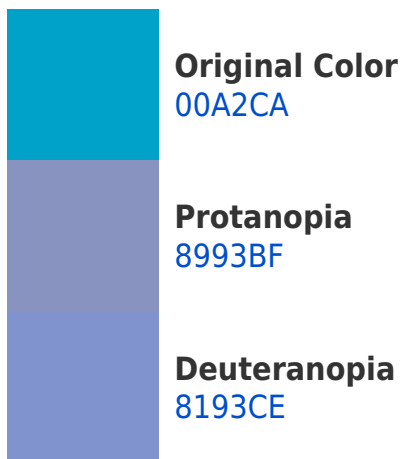


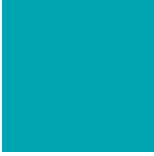
This preview shows how white text looks on a background with the Hex color 00A2CA.

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
00A5B2

Trichromacy



Original Color
00A2CA



Protanomaly
5798C3



Deuteranomaly
5298CD



Tritanomaly
00A4BB

Monochromacy



Original Color
00A2CA



Achromatopsia
767676



Achromatomaly
4B8695

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2CA 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 #00A2CA looks like.

```
.text, #text, p{  
    color:#00A2CA  
}
```

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 #00A2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2CA
}
```

Border

The CSS property to change the border of an element to Hex 00A2CA 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
#00A2CA }
```

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

```
.border{ border-color:#00A2CA }
```

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

Here you see how a box with a 4 pixel #00A2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2CA; -webkit-box-shadow:4px 4px  
4px 4px #00A2CA; box-shadow:4px 4px 4px  
4px #00A2CA }
```

Background

The CSS property to change the background color of an element to Hex 00A2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2CA }
```

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

```
.background{ background-color:#00A2CA }
```

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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