

Converting Colors

Hex(00A2C1)

Have a look what the booklet for
Hex(00A2C1) contains.

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Color

Hex(00A2C1)

Conversions

Conversions Part 1

Format	Color
Hex	00A2C1
RGB	0, 162, 193
RGB Percent	0%, 64%, 76%
CMY	1.0000, 0.3647, 0.2431
CMYK	1.00, 0.16, 0.00, 0.24
HSL	190°, 100%, 38%
HSV	190°, 100%, 76%
XYZ	22.5460, 29.6909, 54.9947
YIQ	117.0960, -106.5030, -24.7030

Conversions

Conversions Part 2

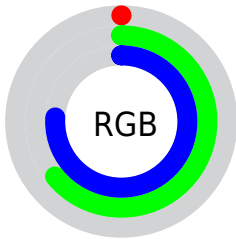
Format	Color
RYB	0, 88, 193
Decimal	41665
CIELab	61.39, -24.05, -25.85
CIELCh	61, 35.308, 227.068
Yxy	29.6909, 0.2103, 0.2769
Android (android.graphics.Color)	4278231745 (0xFF00A2C1)
YUV	117.0960, 37.4207, -102.6932
Hunter-Lab	54.4894, -21.4988, -21.6973

Details

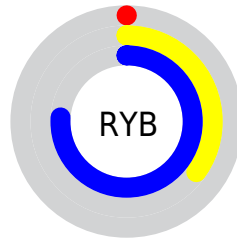
The Hex color **00A2C1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C11F00**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **63D9FA**, and **006E8B** is the 20% darker color. If you saturate the color by 10%, you get **00A2C1**, and if you desaturate by 10%, it is **13A5C1**.

Distribution



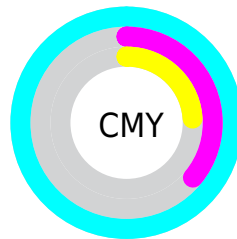
- Red (0%)
- Green (64%)
- Blue (76%)



- Red (0%)
- Yellow (35%)
- Blue (76%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2C1 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 00A2C1 by changing the saturation by 10% instead.

 00A2C1

 00A2C1

FFFFFF

 0088A6

 63D9FA

 006E8B

 83F6FF

 005572

 A1FFFF

 003E59

 C0FFFF

 002842

 DFFFFF

 000D2C

FDFFFF

 000116

 000000

 00A2C1

 13A5C1

 27A8C1

 3AABC1

 4DAEC1

 61B2C1

 74B5C1

 87B8C1

 9ABBC1

 AEBEC1

Harmonies

Analogous

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



12A5A5



00A2C1



4D9BD1

Triad

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



00A2C1



C87DA3



979857

Complementary

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



00A2C1



C11F00

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.



B48E57



00A2C1



D17C83

Square

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



00A2C1



AE86BF



C98368



73A069

Rectangle

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



00A2C1



7295D2



C98368



A19555

Sweetspot

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



00A2C1



AFEefa



00C11D



50767D



FcFcFc



7D7D7D

Same Dimension

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



00A2C1



00D2FA



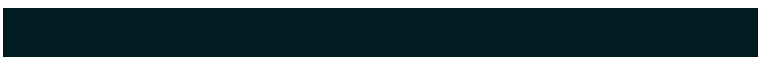
0044C1



575F61



0087A1



001C21

Inverse Universe

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



C100A2



FA00D2



C17D00



61575F



A10087



21001C

Previews

White Background



This preview shows how the Hex color 00A2C1 looks on a white background.

Color Contrast Check

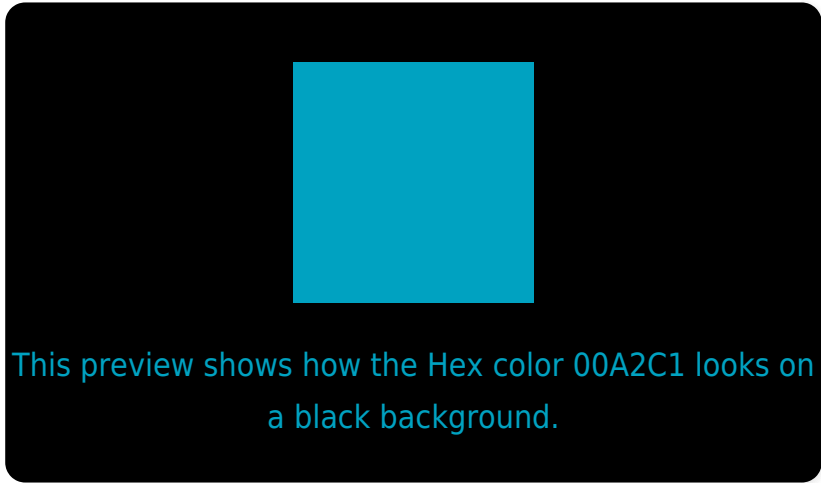
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

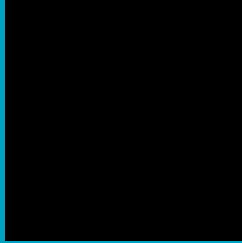
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

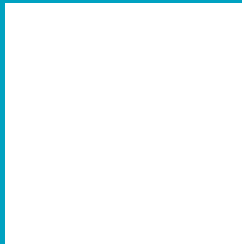
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A2C1 Background



This preview shows how black text looks on a background with the Hex color 00A2C1.



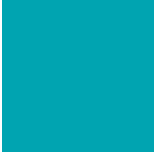
This preview shows how white text looks on a background with the Hex color 00A2C1.

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
00A4B1

Trichromacy



Original Color
00A2C1



Protanomaly
5898B9



Deuteranomaly
5597C4



Tritanomaly
00A3B7

Monochromacy



Original Color
00A2C1



Achromatopsia
757575



Achromatomaly
4A8591

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2C1 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 #00A2C1 looks like.

```
.text, #text, p{  
    color:#00A2C1  
}
```

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 #00A2C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2C1
}
```

Border

The CSS property to change the border of an element to Hex 00A2C1 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
#00A2C1 }
```

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

```
.border{ border-color:#00A2C1 }
```

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

Here you see how a box with a 4 pixel #00A2C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2C1; -webkit-box-shadow:4px 4px  
4px 4px #00A2C1; box-shadow:4px 4px 4px  
4px #00A2C1 }
```

Background

The CSS property to change the background color of an element to Hex 00A2C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2C1 }
```

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

```
.background{ background-color:#00A2C1 }
```

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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