

Converting Colors

Hex(00A2C9)

Have a look what the booklet for
Hex(00A2C9) contains.

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Color

Hex(00A2C9)

Conversions

Conversions Part 1

Format	Color
Hex	00A2C9
RGB	0, 162, 201
RGB Percent	0%, 64%, 79%
CMY	1.0000, 0.3647, 0.2118
CMYK	1.00, 0.19, 0.00, 0.21
HSL	192°, 100%, 39%
HSV	192°, 100%, 79%
XYZ	23.4629, 30.0577, 59.8234
YIQ	118.0080, -109.0710, -22.2150

Conversions

Conversions Part 2

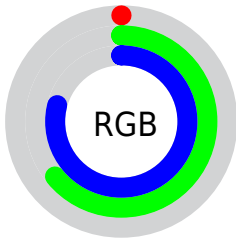
Format	Color
RYB	0, 90, 201
Decimal	41673
CIELab	61.70, -21.28, -29.84
CIELCh	62, 36.645, 234.506
Yxy	30.0577, 0.2070, 0.2652
Android (android.graphics.Color)	4278231753 (0xFF00A2C9)
YUV	118.0080, 40.9151, -103.4930
Hunter-Lab	54.8249, -19.5525, -26.3182

Details

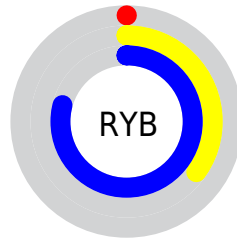
The Hex color **00A2C9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C92700**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64D9FF**, and **006E93** is the 20% darker color. If you saturate the color by 10%, you get **00A2C9**, and if you desaturate by 10%, it is **14A6C9**.

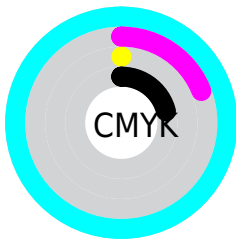
Distribution



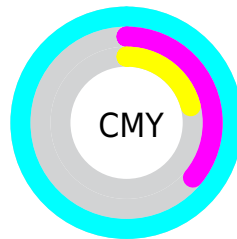
- Red (0%)
- Green (64%)
- Blue (79%)



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



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2C9 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 00A2C9 by changing the saturation by 10% instead.

 00A2C9

 00A2C9

FFFFFF

 0088AE

 64D9FF

 006E93

 84F6FF

 005679

 A3FFFF

 003E60

 C2FFFF

 002848

 E1FFFF

 000F31

 00011C

 000000

 00A2C9

 14A6C9

 28AAC9

 3CAEC9

 50B2C9

 65B6C9

 79B9C9

 8DBDC9

 A1C1C9

 B5C5C9

Harmonies

Analogous

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



00A6AF



00A2C9



599AD5

Triad

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



00A2C9



CF7C9C



8F9B59

Complementary

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



00A2C9



C92700

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.



AF9154



00A2C9



D47D7C

Square

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



00A2C9



B883BB



C88661



69A26E

Rectangle

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



00A2C9



7F93D4



C88661



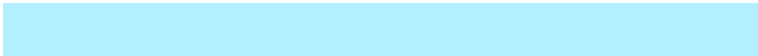
9A9855

Sweetspot

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



00A2C9



B3F0FF



00C925



527780



000000



808080

Same Dimension

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



00A2C9



00CEFF



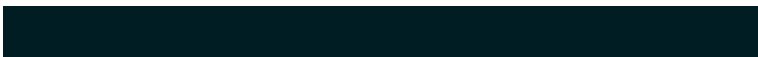
0040C9



5A6263



0084A3



001D24

Inverse Universe

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



C900A2



FF00CE



C98900



635A62



A30084



24001D

Previews

White Background



This preview shows how the Hex color 00A2C9 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



This preview shows how the Hex color 00A2C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

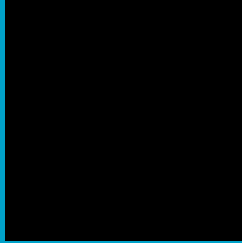
Any Text WCAG AA ✓ Pass

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 00A2C9 Background



This preview shows how black text looks on a background with the Hex color 00A2C9.



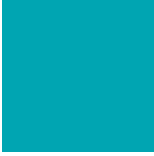
This preview shows how white text looks on a background with the Hex color 00A2C9.

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
00A2C9



Protanomaly
5798C2



Deuteranomaly
5398CC



Tritanomaly
00A4BA

Monochromacy



Original Color
00A2C9



Achromatopsia
767676



Achromatomaly
4B8694

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2C9 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 #00A2C9 looks like.

```
.text, #text, p{  
    color:#00A2C9  
}
```

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 #00A2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2C9
}
```

Border

The CSS property to change the border of an element to Hex 00A2C9 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
#00A2C9 }
```

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

```
.border{ border-color:#00A2C9 }
```

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

Here you see how a box with a 4 pixel #00A2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2C9; -webkit-box-shadow:4px 4px  
4px 4px #00A2C9; box-shadow:4px 4px 4px  
4px #00A2C9 }
```

Background

The CSS property to change the background color of an element to Hex 00A2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2C9 }
```

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

```
.background{ background-color:#00A2C9 }
```

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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