

# Converting Colors

Hex(0AA2C2)

Have a look what the booklet for  
Hex(0AA2C2) contains.

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# Color

Hex(0AA2C2)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 0AA2C2                        |
| RGB         | 10, 162, 194                  |
| RGB Percent | 4%, 64%, 76%                  |
| CMY         | 0.9608, 0.3647, 0.2392        |
| CMYK        | 0.95, 0.16, 0.00, 0.24        |
| HSL         | 190°, 90%, 40%                |
| HSV         | 190°, 95%, 76%                |
| XYZ         | 22.7831, 29.8002, 55.5902     |
| YIQ         | 120.2000, -100.8640, -22.2720 |

# Conversions

## Conversions Part 2

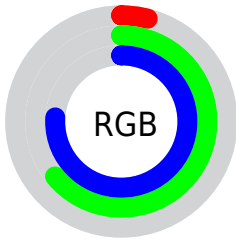
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">10, 93, 194</a>                                  |
| Decimal                             | <a href="#">697026</a>                                       |
| CIELab                              | <a href="#">61.48, -23.38, -26.26</a>                        |
| CIELCh                              | <a href="#">61, 35.158, 228.325</a>                          |
| Yxy                                 | <a href="#">29.8002, 0.2106, 0.2755</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4278887106</a><br>( <a href="#">0xFF0AA2C2</a> ) |
| YUV                                 | <a href="#">120.2000, 36.3834, -96.6454</a>                  |
| Hunter-Lab                          | <a href="#">54.5896, -21.0343, -22.1640</a>                  |

# Details

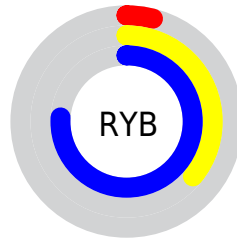
The Hex color **0AA2C2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C22A0A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **65D9FB**, and **006E8C** is the 20% darker color. If you saturate the color by 10%, you get **00A0C2**, and if you desaturate by 10%, it is **1DA5C2**.

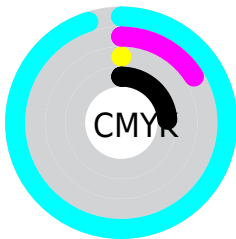
# Distribution



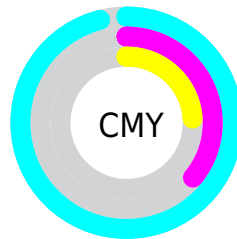
- Red (4%)
- Green (64%)
- Blue (76%)



- Red (4%)
- Yellow (36%)
- Blue (76%)



- Cyan (95%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (36%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AA2C2 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 0AA2C2 by changing the saturation by 10% instead.



0AA2C2

0AA2C2

FFFFFF

0088A7

65D9FB

006E8C

84F6FF

005573

A3FFFF

003E5A

C2FFFF

002842

E0FFFF

000D2C

000117

000000

0AA2C2

0AA2C2

■ 00A0C2

■ 1DA5C2

■ 31A9C2

■ 44ACC2

■ 58AFC2

■ 6BB3C2

■ 7EB6C2

■ 92BAC2

■ A5BDC2

■ B9C0C2

# Harmonies

## Analogous

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



12A5A7



0AA2C2



509BD1

# Triad

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



0AA2C2



C97DA2



969958

# Complementary

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



0AA2C2



C22A0A

# 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.



B38E57



0AA2C2



D17D82

# Square

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



0AA2C2



AF85BE



C98467



72A06A

# Rectangle

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



0AA2C2



7595D2



C98467



A09556

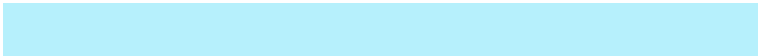


# Sweetspot

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



0AA2C2



B6F0FC



0AC229



547880



000000



808080

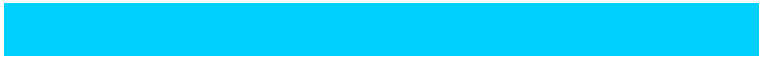


# Same Dimension

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



0AA2C2



00D1FC



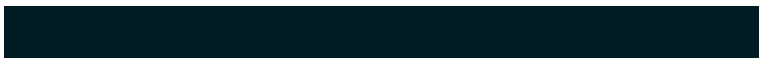
0A47C2



575F61



0085A1



001B21



# Inverse Universe

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



C20AA2



FC00D1



C2850A



61575F



A10085



21001B



# Previews

## White Background



This preview shows how the Hex color 0AA2C2 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 0AA2C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

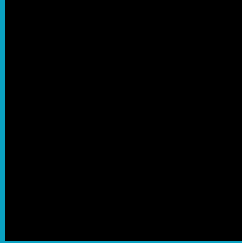
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0AA2C2 Background



This preview shows how black text looks on a background with the Hex color 0AA2C2.

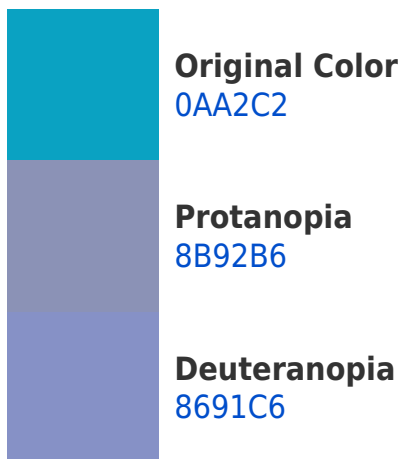


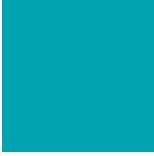
This preview shows how white text looks on a background with the Hex color 0AA2C2.

# 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**  
0AA2C2



**Protanomaly**  
5C98BA



**Deuteranomaly**  
5997C5



**Tritanomaly**  
04A3B7

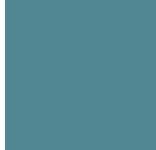
# Monochromacy



**Original Color**  
0AA2C2



**Achromatopsia**  
787878



**Achromatomaly**  
508793

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AA2C2 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 #0AA2C2 looks like.

```
.text, #text, p{  
    color:#0AA2C2  
}
```

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 #0AA2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AA2C2
}
```

## Border

The CSS property to change the border of an element to Hex 0AA2C2 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
#0AA2C2 }
```

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

```
.border{ border-color:#0AA2C2 }
```

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

Here you see how a box with a 4 pixel #0AA2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AA2C2; -webkit-box-shadow:4px 4px  
4px 4px #0AA2C2; box-shadow:4px 4px 4px  
4px #0AA2C2 }
```

# Background

The CSS property to change the background color of an element to Hex 0AA2C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AA2C2 }
```

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

```
.background{ background-color:#0AA2C2 }
```

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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