

Converting Colors

Hex(00A0C2)

Have a look what the booklet for
Hex(00A0C2) contains.

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Color

Hex(00A0C2)

Conversions

Conversions Part 1

Format	Color
Hex	00A0C2
RGB	0, 160, 194
RGB Percent	0%, 63%, 76%
CMY	1.0000, 0.3725, 0.2392
CMYK	1.00, 0.18, 0.00, 0.24
HSL	191°, 100%, 38%
HSV	191°, 100%, 76%
XYZ	22.3084, 29.0367, 55.4678
YIQ	116.0360, -106.2740, -23.3460

Conversions

Conversions Part 2

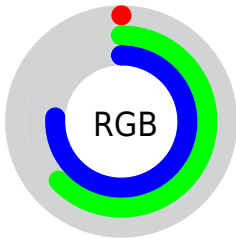
Format	Color
R _{YB}	0, 88, 194
Decimal	41154
CIE _{Lab}	60.81, -22.67, -27.29
CIE _{LCh}	61, 35.482, 230.285
Yxy	29.0367, 0.2089, 0.2718
Android (android.graphics.Color)	4278231234 (0xFF00A0C2)
YUV	116.0360, 38.4363, -101.7636
Hunter-Lab	53.8857, -20.4018, -23.3108

Details

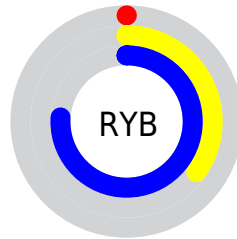
The Hex color **00A0C2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C22200**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63D7FB**, and **006C8C** is the 20% darker color. If you saturate the color by 10%, you get **00A0C2**, and if you desaturate by 10%, it is **13A3C2**.

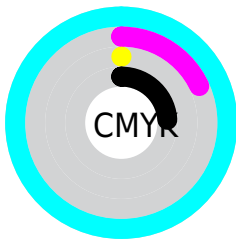
Distribution



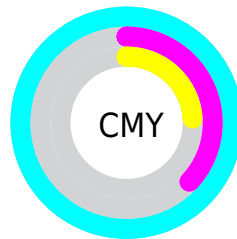
- Red (0%)
- Green (63%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0C2 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 00A0C2 by changing the saturation by 10% instead.

 00A0C2

 00A0C2

FFFFFF

 0086A7

 63D7FB

 006C8C

 82F3FF

 005473

 A1FFFF

 003C5A

 C0FFFF

 002642

 DEFFFF

 00092C

FDFFFF

 000117

 000000

 00A0C2

 13A3C2

 27A7C2

 3AAAC2

 4EAEC2

 61B1C2

 74B4C2

 88B8C2

 9BBBC2

 AFBFC2

Harmonies

Analogous

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



00A3A7



00A0C2



5199D0

Triad

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



00A0C2



C97B9E



929757

Complementary

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



00A0C2



C22200

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.



B08D55



00A0C2



D07B7F

Square

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



00A0C2



B083BB



C68264



6E9F6A

Rectangle

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



00A0C2



7692D0



C68264



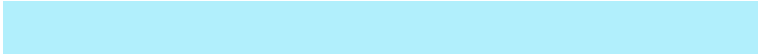
9C9454

Sweetspot

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



00A0C2



B1EFC



00C220



527780



000000



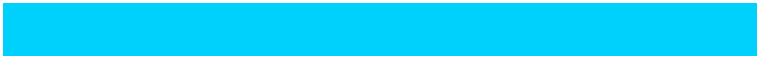
808080

Same Dimension

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



00A0C2



00D0FC



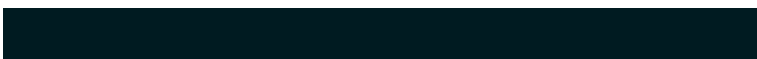
0041C2



575F61



0084A1



001B21

Inverse Universe

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



C200A0



FC00D0



C28100



61575F



A10084



21001B

Previews

White Background



This preview shows how the Hex color 00A0C2 looks on a white background.

Color Contrast Check

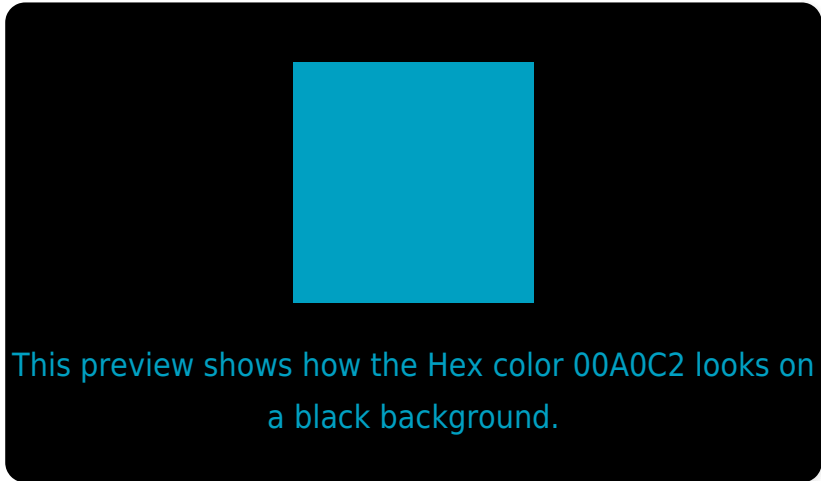
Large Text (above 18pt) WCAG AA ✓ Pass

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

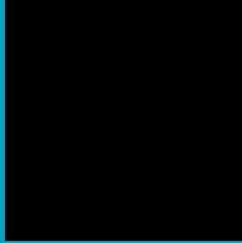
Any Text WCAG AA ✓ Pass

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 00A0C2 Background



This preview shows how black text looks on a background with the Hex color 00A0C2.

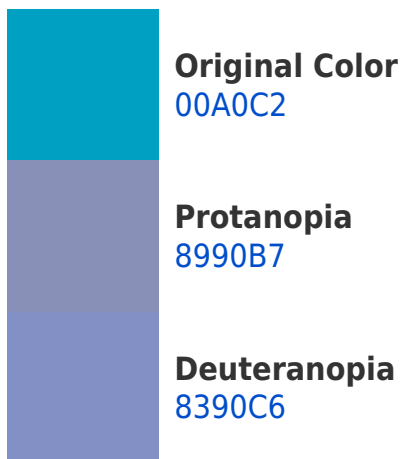


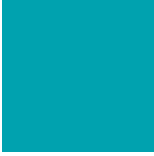
This preview shows how white text looks on a background with the Hex color 00A0C2.

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
00A2AF

Trichromacy



Original Color
00A0C2



Protanomaly
5796BB



Deuteranomaly
5396C5



Tritanomaly
00A1B6

Monochromacy



Original Color
00A0C2



Achromatopsia
747474



Achromatomaly
4A8490

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0C2 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 #00A0C2 looks like.

```
.text, #text, p{  
    color:#00A0C2  
}
```

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 #00A0C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0C2
}
```

Border

The CSS property to change the border of an element to Hex 00A0C2 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
#00A0C2 }
```

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

```
.border{ border-color:#00A0C2 }
```

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

Here you see how a box with a 4 pixel #00A0C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0C2; -webkit-box-shadow:4px 4px  
4px 4px #00A0C2; box-shadow:4px 4px 4px  
4px #00A0C2 }
```

Background

The CSS property to change the background color of an element to Hex 00A0C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0C2 }
```

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

```
.background{ background-color:#00A0C2 }
```

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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