

Converting Colors

Hex(00A6C7)

Have a look what the booklet for
Hex(00A6C7) contains.

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Color

Hex(00A6C7)

Conversions

Conversions Part 1

Format	Color
Hex	00A6C7
RGB	0, 166, 199
RGB Percent	0%, 65%, 78%
CMY	1.0000, 0.3490, 0.2196
CMYK	1.00, 0.17, 0.00, 0.22
HSL	190°, 100%, 39%
HSV	190°, 100%, 78%
XYZ	23.9450, 31.3960, 58.8308
YIQ	120.1280, -109.5290, -24.9290

Conversions

Conversions Part 2

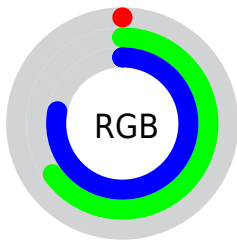
Format	Color
RYB	0, 91, 199
Decimal	42695
CIELab	62.84, -24.04, -26.96
CIELCh	63, 36.126, 228.280
Yxy	31.3960, 0.2097, 0.2750
Android (android.graphics.Color)	4278232775 (0xFF00A6C7)
YUV	120.1280, 38.8839, -105.3523
Hunter-Lab	56.0321, -21.7751, -23.0290

Details

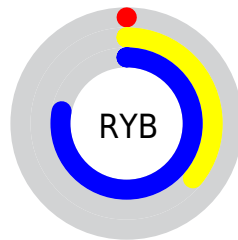
The Hex color **00A6C7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C72100**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **64DDFF**, and **007291** is the 20% darker color. If you saturate the color by 10%, you get **00A6C7**, and if you desaturate by 10%, it is **14A9C7**.

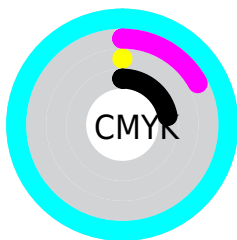
Distribution



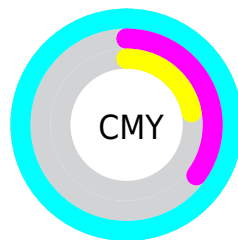
- Red (0%)
- Green (65%)
- Blue (78%)



- Red (0%)
- Yellow (36%)
- Blue (78%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A6C7 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 00A6C7 by changing the saturation by 10% instead.

 00A6C7

 00A6C7

FFFFFF

 008BAC

 64DDFF

 007291

 84FAFF

 005977

 A3FFFF

 00415E

 C2FFFF

 002B47

 E1FFFF

 001430

 00011B

 000000

 00A6C7

 14A9C7

 28ADC7

 3CB0C7

 50B3C7

 64B7C7

 77BAC7

 8BBDC7

 9FC0C7

 B3C4C7

Harmonies

Analogous

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



0BA9AB



00A6C7



519FD6

Triad

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



00A6C7



CE80A6



999C5A

Complementary

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



00A6C7



C72100

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.



B89259



00A6C7



D77F85

Square

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



00A6C7



B489C3



CE8769



75A46C

Rectangle

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



00A6C7



7798D7



CE8769



A49958

Sweetspot

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



00A6C7



B3F2FF



00C71E



527880



000000



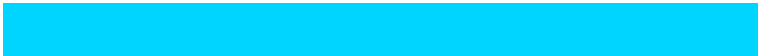
808080

Same Dimension

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



00A6C7



00D5FF



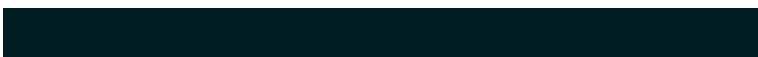
0046C7



5A6263



0088A3



001E24

Inverse Universe

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



C700A6



FF00D5



C78100



635A62



A30088



24001E

Previews

White Background



This preview shows how the Hex color 00A6C7 looks on a white background.

Color Contrast Check

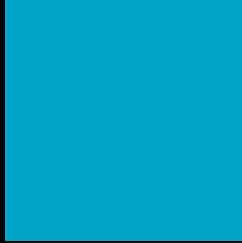
Large Text (above 18pt) WCAG AA × Fail

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 00A6C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

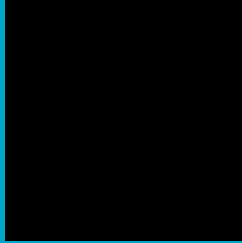
Any Text WCAG AA ✓ Pass

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 00A6C7 Background



This preview shows how black text looks on a background with the Hex color 00A6C7.

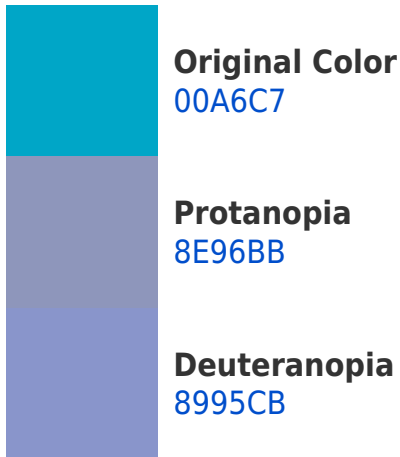


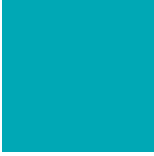
This preview shows how white text looks on a background with the Hex color 00A6C7.

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
00A8B5

Trichromacy



Original Color
00A6C7



Protanomaly
5A9CBF



Deuteranomaly
579BCA



Tritanomaly
00A7BC

Monochromacy



Original Color
00A6C7



Achromatopsia
787878



Achromatomaly
4C8995

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6C7 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 #00A6C7 looks like.

```
.text, #text, p{  
    color:#00A6C7  
}
```

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 #00A6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6C7
}
```

Border

The CSS property to change the border of an element to Hex 00A6C7 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
#00A6C7 }
```

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

```
.border{ border-color:#00A6C7 }
```

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

Here you see how a box with a 4 pixel #00A6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6C7; -webkit-box-shadow:4px 4px  
4px 4px #00A6C7; box-shadow:4px 4px 4px  
4px #00A6C7 }
```

Background

The CSS property to change the background color of an element to Hex 00A6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6C7 }
```

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

```
.background{ background-color:#00A6C7 }
```

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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