

Converting Colors

Hex(00A7C6)

Have a look what the booklet for
Hex(00A7C6) contains.

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Color

Hex(00A7C6)

Conversions

Conversions Part 1

Format	Color
Hex	00A7C6
RGB	0, 167, 198
RGB Percent	0%, 65%, 78%
CMY	1.0000, 0.3451, 0.2235
CMYK	1.00, 0.16, 0.00, 0.22
HSL	189°, 100%, 39%
HSV	189°, 100%, 78%
XYZ	24.0118, 31.7147, 58.2821
YIQ	120.6010, -109.4830, -25.7630

Conversions

Conversions Part 2

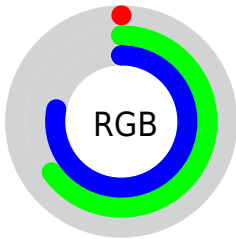
Format	Color
RYB	0, 91, 198
Decimal	42950
CIELab	63.11, -24.89, -26.00
CIELCh	63, 35.995, 226.242
Yxy	31.7147, 0.2106, 0.2782
Android (android.graphics.Color)	4278233030 (0xFF00A7C6)
YUV	120.6010, 38.1577, -105.7671
Hunter-Lab	56.3158, -22.4442, -21.9391

Details

The Hex color **00A7C6** 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 **C61F00**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **64DEFF**, and **007390** is the 20% darker color. If you saturate the color by 10%, you get **00A7C6**, and if you desaturate by 10%, it is **14AAC6**.

Distribution



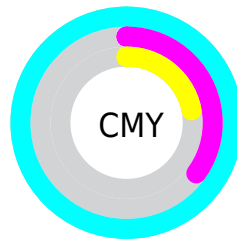
- Red (0%)
- Green (65%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A7C6 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 00A7C6 by changing the saturation by 10% instead.

 00A7C6

 00A7C6

FFFFFF

 008CAB

 64DEFF

 007390

 84FBFF

 005A76

 A3FFFF

 00425E

 C2FFFF

 002B46

 E1FFFF

 00152F

 00011A

 000000

 00A7C6

 14AAC6

 28ADC6

 3BB0C6

 4FB3C6

 63B6C6

 77BAC6

 8BBDC6

 9EC0C6

 B2C3C6

Harmonies

Analogous

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



16AAAA



00A7C6



4EA0D6

Triad

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



00A7C6



CE81A9



9C9C5A

Complementary

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



00A7C6



C61F00

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.



BA925B



00A7C6



D78088

Square

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



00A7C6



B28AC5



D0876C



78A46B

Rectangle

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



00A7C6



759AD8



D0876C



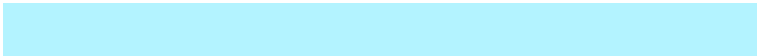
A79958

Sweetspot

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



00A7C6



B3F3FF



00C61E



527880



000000



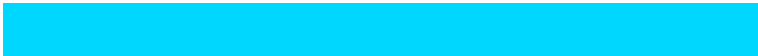
808080

Same Dimension

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



00A7C6



00D7FF



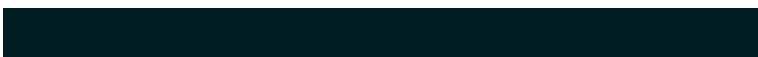
0045C6



5A6263



008AA3



001E24

Inverse Universe

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



C600A7



FF00D7



C68100



635A62



A3008A



24001E

Previews

White Background



This preview shows how the Hex color 00A7C6 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 00A7C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

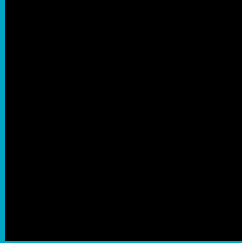
Any Text WCAG AA ✓ Pass

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 00A7C6 Background



This preview shows how black text looks on a background with the Hex color 00A7C6.

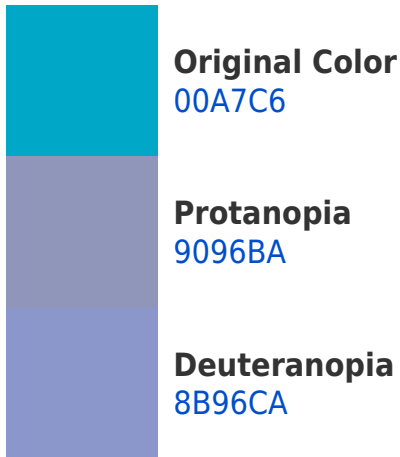


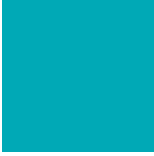
This preview shows how white text looks on a background with the Hex color 00A7C6.

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
00A9B6

Trichromacy



Original Color
00A7C6



Protanomaly
5C9CBE



Deuteranomaly
589CC9



Tritanomaly
00A8BC

Monochromacy



Original Color
00A7C6



Achromatopsia
797979



Achromatomaly
4D8A95

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A7C6 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 #00A7C6 looks like.

```
.text, #text, p{  
    color:#00A7C6  
}
```

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 #00A7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A7C6
}
```

Border

The CSS property to change the border of an element to Hex 00A7C6 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
#00A7C6 }
```

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

```
.border{ border-color:#00A7C6 }
```

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

Here you see how a box with a 4 pixel #00A7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A7C6; -webkit-box-shadow:4px 4px  
4px 4px #00A7C6; box-shadow:4px 4px 4px  
4px #00A7C6 }
```

Background

The CSS property to change the background color of an element to Hex 00A7C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A7C6 }
```

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

```
.background{ background-color:#00A7C6 }
```

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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