

Converting Colors

Hex(00A7C4)

Have a look what the booklet for
Hex(00A7C4) contains.

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Color

Hex(00A7C4)

Conversions

Conversions Part 1

Format	Color
Hex	00A7C4
RGB	0, 167, 196
RGB Percent	0%, 65%, 77%
CMY	1.0000, 0.3451, 0.2314
CMYK	1.00, 0.15, 0.00, 0.23
HSL	189°, 100%, 38%
HSV	189°, 100%, 77%
XYZ	23.7825, 31.6230, 57.0749
YIQ	120.3730, -108.8410, -26.3850

Conversions

Conversions Part 2

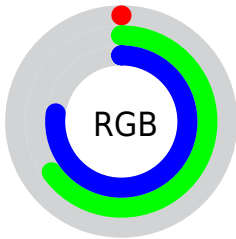
Format	Color
RYB	0, 90, 196
Decimal	42948
CIELab	63.03, -25.57, -25.00
CIELCh	63, 35.765, 224.350
Yxy	31.6230, 0.2114, 0.2811
Android (android.graphics.Color)	4278233028 (0xFF00A7C4)
YUV	120.3730, 37.2841, -105.5671
Hunter-Lab	56.2343, -22.9191, -20.8123

Details

The Hex color **00A7C4** 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 **C41D00**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **64DEFD**, and **00738E** is the 20% darker color. If you saturate the color by 10%, you get **00A7C4**, and if you desaturate by 10%, it is **14AAC4**.

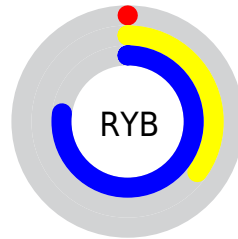
Distribution



Red (0%)

Green (65%)

Blue (77%)



Red (0%)

Yellow (35%)

Blue (77%)

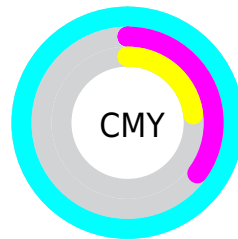


Cyan (100%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (100%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A7C4 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 00A7C4 by changing the saturation by 10% instead.

 00A7C4

 00A7C4


FFFFFF

 008CA9

 64DEFD

 00738E

 84FBFF

 005A75

 A3FFFF

 00425C

 C2FFFF

 002B44

 E0FFFF

 00152E

 000119

 000000

 00A7C4

 14AAC4

 27ADC4

 3BB0C4

 4EB3C4

 62B6C4

 76B8C4

 89BBC4

 9DBEC4

 B0C1C4

Harmonies

Analogous

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



1DA9A7



00A7C4



4BA1D5

Triad

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



00A7C4



CC82AB



9E9B5A

Complementary

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



00A7C4



C41D00

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.



BC915B



00A7C4



D7808A

Square

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



00A7C4



AF8BC6



D0866D



7BA46A

Rectangle

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



00A7C4



719AD8



D0866D



A99858

Sweetspot

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



00A7C4



B3F4FF



00C41A



527980



000000



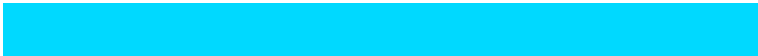
808080

Same Dimension

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



00A7C4



00D9FF



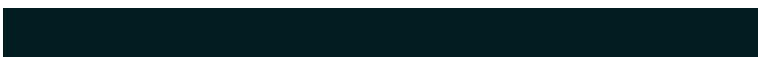
0048C4



575F61



0089A1



001C21

Inverse Universe

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



C400A7



FF00D9



C47C00



61575F



A10089



21001C

Previews

White Background



This preview shows how the Hex color 00A7C4 looks on a white background.

Color Contrast Check

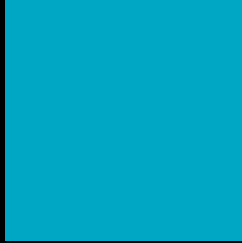
Large Text (above 18pt) WCAG AA × Fail

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 00A7C4 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 00A7C4 Background



This preview shows how black text looks on a background with the Hex color 00A7C4.

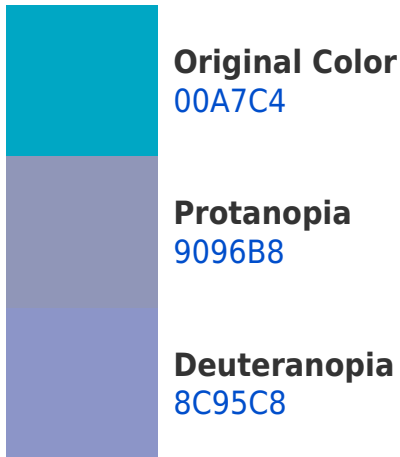


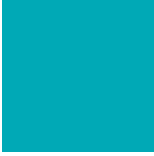
This preview shows how white text looks on a background with the Hex color 00A7C4.

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
00A7C4



Protanomaly
5C9CBC



Deuteranomaly
599CC7



Tritanomaly
00A8BB

Monochromacy



Original Color
00A7C4



Achromatopsia
787878



Achromatomaly
4C8994

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A7C4 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 #00A7C4 looks like.

```
.text, #text, p{  
    color:#00A7C4  
}
```

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 #00A7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A7C4
}
```

Border

The CSS property to change the border of an element to Hex 00A7C4 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
#00A7C4 }
```

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

```
.border{ border-color:#00A7C4 }
```

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

Here you see how a box with a 4 pixel #00A7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A7C4; -webkit-box-shadow:4px 4px  
4px 4px #00A7C4; box-shadow:4px 4px 4px  
4px #00A7C4 }
```

Background

The CSS property to change the background color of an element to Hex 00A7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A7C4 }
```

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

```
.background{ background-color:#00A7C4 }
```

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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