

Converting Colors

Hex(00A4C4)

Have a look what the booklet for
Hex(00A4C4) contains.

Hex(00A4C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A4C4)

Conversions

Conversions Part 1

Format	Color
Hex	00A4C4
RGB	0, 164, 196
RGB Percent	0%, 64%, 77%
CMY	1.0000, 0.3569, 0.2314
CMYK	1.00, 0.16, 0.00, 0.23
HSL	190°, 100%, 38%
HSV	190°, 100%, 77%
XYZ	23.2393, 30.5364, 56.8938
YIQ	118.6120, -108.0160, -24.8160

Conversions

Conversions Part 2

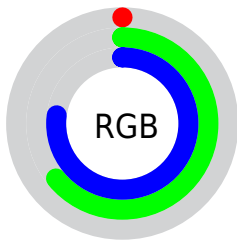
Format	Color
RYB	0, 89, 196
Decimal	42180
CIELab	62.11, -24.05, -26.41
CIELCh	62, 35.716, 227.682
Yxy	30.5364, 0.2100, 0.2759
Android (android.graphics.Color)	4278232260 (0xFF00A4C4)
YUV	118.6120, 38.1523, -104.0227
Hunter-Lab	55.2598, -21.6372, -22.3614

Details

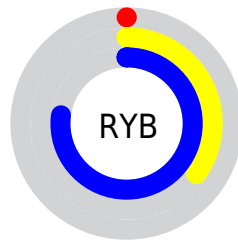
The Hex color **00A4C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C42000**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **63DBFD**, and **00708E** is the 20% darker color. If you saturate the color by 10%, you get **00A4C4**, and if you desaturate by 10%, it is **14A7C4**.

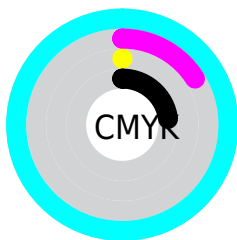
Distribution



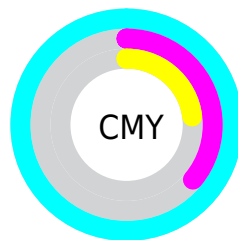
- Red (0%)
- Green (64%)
- Blue (77%)



- Red (0%)
- Yellow (35%)
- Blue (77%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A4C4 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 00A4C4 by changing the saturation by 10% instead.

 00A4C4

 00A4C4

FFFFFF

 008AA9

 63DBFD

 00708E

 83F8FF

 005774

 A2FFFF

 00405C

 C1FFFF

 002944

 E0FFFF

 00112E

 000119

 000000

 00A4C4

 14A7C4

 27AAC4

 3BAEC4

 4EB1C4

 62B4C4

 76B7C4

 89BAC4

 9DBEC4

 B0C1C4

Harmonies

Analogous

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



0FA7A8



00A4C4



4F9DD3

Triad

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



00A4C4



CB7FA5



989A59

Complementary

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



00A4C4



C42000

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.



B69058



00A4C4



D47E84

Square

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



00A4C4



B187C1



CC8569



74A26A

Rectangle

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



00A4C4



7597D5



CC8569



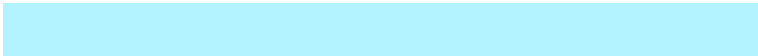
A39756

Sweetspot

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



00A4C4



B3F3FF



00C41D



527880



000000



808080

Same Dimension

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



00A4C4



00D5FF



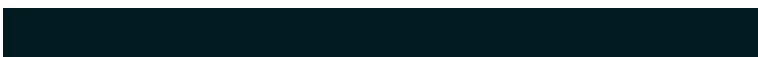
0045C4



575F61



0086A1



001C21

Inverse Universe

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



C400A4



FF00D5



C47F00



61575F



A10086



21001C

Previews

White Background



This preview shows how the Hex color 00A4C4 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 00A4C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

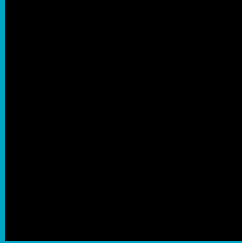
Any Text WCAG AA ✓ Pass

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 00A4C4 Background



This preview shows how black text looks on a background with the Hex color 00A4C4.



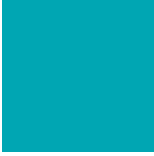
This preview shows how white text looks on a background with the Hex color 00A4C4.

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
00A6B3

Trichromacy



Original Color
00A4C4



Protanomaly
5A9ABC



Deuteranomaly
5799C7



Tritanomaly
00A5B9

Monochromacy



Original Color
00A4C4



Achromatopsia
777777



Achromatomaly
4C8793

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A4C4 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 #00A4C4 looks like.

```
.text, #text, p{  
    color:#00A4C4  
}
```

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 #00A4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4C4
}
```

Border

The CSS property to change the border of an element to Hex 00A4C4 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
#00A4C4 }
```

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

```
.border{ border-color:#00A4C4 }
```

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

Here you see how a box with a 4 pixel #00A4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4C4; -webkit-box-shadow:4px 4px  
4px 4px #00A4C4; box-shadow:4px 4px 4px  
4px #00A4C4 }
```

Background

The CSS property to change the background color of an element to Hex 00A4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4C4 }
```

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

```
.background{ background-color:#00A4C4 }
```

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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