

Converting Colors

Hex(00ACB8)

Have a look what the booklet for
Hex(00ACB8) contains.

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Color

Hex(00ACB8)

Conversions

Conversions Part 1

Format	Color
Hex	00ACB8
RGB	0, 172, 184
RGB Percent	0%, 67%, 72%
CMY	1.0000, 0.3255, 0.2784
CMYK	1.00, 0.07, 0.00, 0.28
HSL	184°, 100%, 36%
HSV	184°, 100%, 72%
XYZ	23.4043, 32.9657, 50.4769
YIQ	121.9400, -106.3640, -32.7320

Conversions

Conversions Part 2

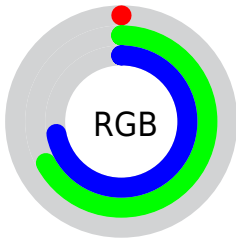
Format	Color
RYB	0, 89, 184
Decimal	44216
CIELab	64.13, -32.01, -16.63
CIELCh	64, 36.071, 207.452
Yxy	32.9657, 0.2190, 0.3085
Android (android.graphics.Color)	4278234296 (0xFF00ACB8)
YUV	121.9400, 30.5956, -106.9414
Hunter-Lab	57.4158, -27.7162, -11.9335

Details

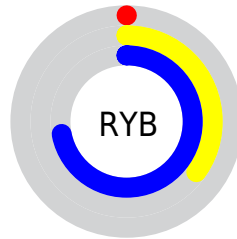
The Hex color **00ACB8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B80C00**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E4F0**, and **007783** is the 20% darker color. If you saturate the color by 10%, you get **00ACB8**, and if you desaturate by 10%, it is **12ADB8**.

Distribution



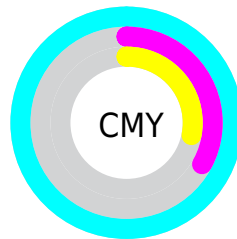
- Red (0%)
- Green (67%)
- Blue (72%)



- Red (0%)
- Yellow (35%)
- Blue (72%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ACB8 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 00ACB8 by changing the saturation by 10% instead.

 00ACB8

 00ACB8

FFFFFF

 00919D

 62E4F0

 007783

 82FFFF

 005E6A

 A1FFFF

 004652

 C0FFFF

 002E3B

 DEFFFF

 001825

FDFFFF

 00010F

 000000

 00ACB8

 12ADB8

 25AEB8

 37B0B8

 4AB1B8

 5CB2B8

 6EB3B8

 81B4B8

 93B6B8

 A6B7B8

Harmonies

Analogous

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



3FAC97



00ACB8



29A8D1

Triad

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



00ACB8



C189BF



B3995B

Complementary

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



00ACB8



B80C00

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.



CC8D66



00ACB8



D6829F

Square

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



00ACB8



9B94D4



D9847F



92A261

Rectangle

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



00ACB8



53A3DA



D9847F



BC955D

Sweetspot

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



00ACB8



A8EBF0



00B809



4D7578



F7F7F7



787878

Same Dimension

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



00ACB8



00E0F0



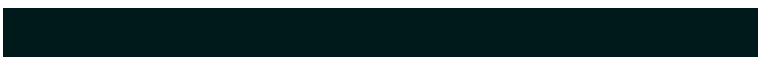
0053B8



535B5C



00919C



001A1C

Inverse Universe

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



B800AC



F000E0



B86500



5C535B



9C0091



1C001A

Previews

White Background



This preview shows how the Hex color 00ACB8 looks on a white background.

Color Contrast Check

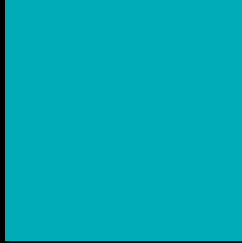
Large Text (above 18pt) WCAG AA × Fail

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 00ACB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

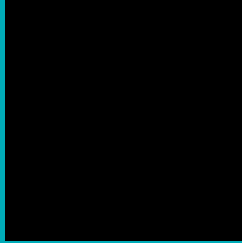
Any Text WCAG AA ✓ Pass

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 00ACB8 Background



This preview shows how black text looks on a background with the Hex color 00ACB8.

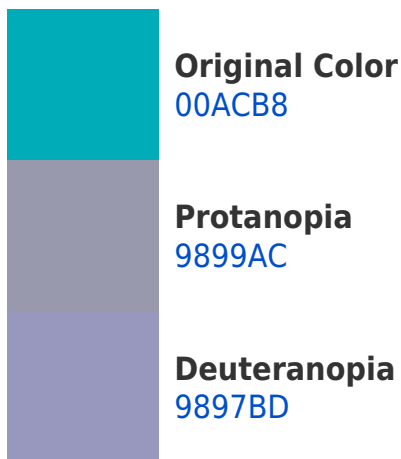


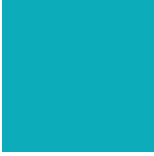
This preview shows how white text looks on a background with the Hex color 00ACB8.

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





Trichromacy



Original Color
00ACB8



Protanomaly
61A0B0



Deuteranomaly
619FBB



Tritanomaly
08ACB9

Monochromacy



Original Color
00ACB8



Achromatopsia
7A7A7A



Achromatomaly
4E8C91

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ACB8 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 #00ACB8 looks like.

```
.text, #text, p{  
    color:#00ACB8  
}
```

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 #00ACB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ACB8
}
```

Border

The CSS property to change the border of an element to Hex 00ACB8 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
#00ACB8 }
```

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

```
.border{ border-color:#00ACB8 }
```

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

Here you see how a box with a 4 pixel #00ACB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ACB8; -webkit-box-shadow:4px 4px  
4px 4px #00ACB8; box-shadow:4px 4px 4px  
4px #00ACB8 }
```

Background

The CSS property to change the background color of an element to Hex 00ACB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ACB8 }
```

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

```
.background{ background-color:#00ACB8 }
```

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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