

Converting Colors

Hex(00ACA7)

Have a look what the booklet for
Hex(00ACA7) contains.

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Color

Hex(00ACA7)

Conversions

Conversions Part 1

Format	Color
Hex	00ACA7
RGB	0, 172, 167
RGB Percent	0%, 67%, 65%
CMY	1.0000, 0.3255, 0.3451
CMYK	1.00, 0.00, 0.03, 0.33
HSL	178°, 100%, 34%
HSV	178°, 100%, 67%
XYZ	21.7276, 32.2951, 41.6476
YIQ	120.0020, -100.9070, -38.0190

Conversions

Conversions Part 2

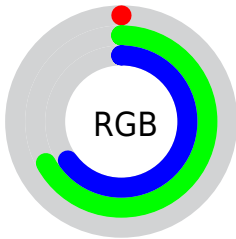
Format	Color
RYB	0, 87, 172
Decimal	44199
CIELab	63.59, -37.32, -7.96
CIELCh	64, 38.160, 192.044
Yxy	32.2951, 0.2271, 0.3376
Android (android.graphics.Color)	4278234279 (0xFF00ACA7)
YUV	120.0020, 23.1700, -105.2418
Hunter-Lab	56.8287, -31.2037, -3.6713

Details

The Hex color **00ACA7** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0005**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60E4DE**, and **007773** is the 20% darker color. If you saturate the color by 10%, you get **00ACA7**, and if you desaturate by 10%, it is **11ACA8**.

Distribution



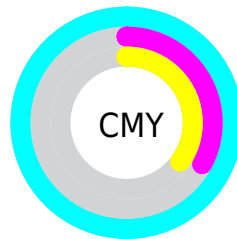
- Red (0%)
- Green (67%)
- Blue (65%)



- Red (0%)
- Yellow (34%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ACA7 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 00ACA7 by changing the saturation by 10% instead.

 00ACA7

 00ACA7

FFFFFF

 00918D

 60E4DE

 007773

 80FFFB

 005D5B

 9EFFFF

 004543

 BCFFFF

 002E2D

 DBFFFF

 001619

 F9FFFF

 000000

 00ACA7

 11ACA8

 22ACA8

 34ACA9

 45ACA9

 56ACAA

 67ACAA

 78ACAB

 8AACAB

 9BACAC

Harmonies

Analogous

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



50AA84



00ACA7



00AAC6

Triad

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



00ACA7



AF8CCD



C19159

Complementary

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



00ACA7



AC0005

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.



D6856E



00ACA7



CF82B0

Square

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



00ACA7



7E99DC



DC7F8D



A29C56

Rectangle

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



00ACA7



1CA6D5



DC7F8D



C98D5F

Sweetspot

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



00ACA7



9DE0DE



06AC00



48706F



F0F0F0



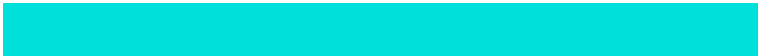
707070

Same Dimension

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



00ACA7



00E0DA



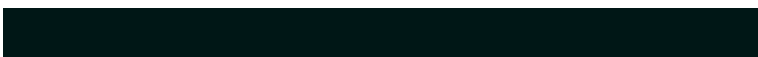
005CAC



4E5756



009692



001716

Inverse Universe

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



AC0005



E00007



AC5000



574E4E



960004



170001

Previews

White Background



This preview shows how the Hex color 00ACA7 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 00ACA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

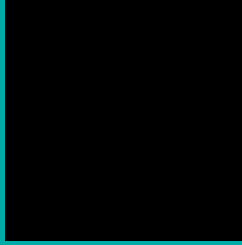
Any Text WCAG AA ✓ Pass

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 00ACA7 Background



This preview shows how black text looks on a background with the Hex color 00ACA7.

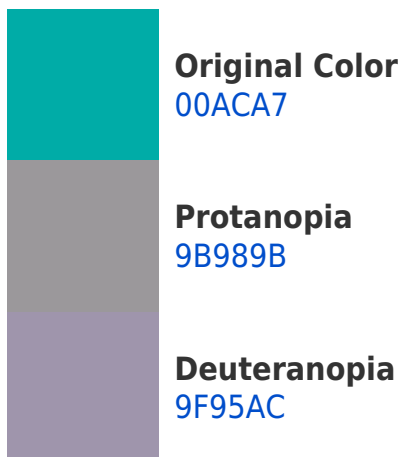


This preview shows how white text looks on a background with the Hex color 00ACA7.

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
24AAB7

Trichromacy



Original Color
00ACA7



Protanomaly
639F9F



Deuteranomaly
659DAA



Tritanomaly
17ABB1

Monochromacy



Original Color
00ACA7



Achromatopsia
787878



Achromatomaly
4C8B89

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ACA7 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 #00ACA7 looks like.

```
.text, #text, p{  
    color:#00ACA7  
}
```

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 #00ACA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ACA7
}
```

Border

The CSS property to change the border of an element to Hex 00ACA7 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
#00ACA7 }
```

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

```
.border{ border-color:#00ACA7 }
```

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

Here you see how a box with a 4 pixel #00ACA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ACA7; -webkit-box-shadow:4px 4px  
4px 4px #00ACA7; box-shadow:4px 4px 4px  
4px #00ACA7 }
```

Background

The CSS property to change the background color of an element to Hex 00ACA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ACA7 }
```

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

```
.background{ background-color:#00ACA7 }
```

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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