

Converting Colors

Hex(00AC82)

Have a look what the booklet for
Hex(00AC82) contains.

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Color

Hex(00AC82)

Conversions

Conversions Part 1

Format	Color
Hex	00AC82
RGB	0, 172, 130
RGB Percent	0%, 67%, 51%
CMY	1.0000, 0.3255, 0.4902
CMYK	1.00, 0.00, 0.24, 0.33
HSL	165°, 100%, 34%
HSV	165°, 100%, 67%
XYZ	18.7818, 31.1168, 26.1353
YIQ	115.7840, -89.0300, -49.5260

Conversions

Conversions Part 2

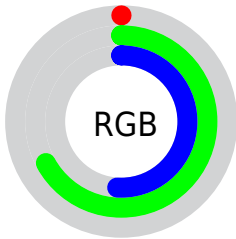
Format	Color
RYB	0, 98, 172
Decimal	44162
CIELab	62.61, -47.59, 11.23
CIELCh	63, 48.897, 166.719
Yxy	31.1168, 0.2470, 0.4092
Android (android.graphics.Color)	4278234242 (0xFF00AC82)
YUV	115.7840, 7.0085, -101.5426
Hunter-Lab	55.7824, -37.5187, 11.2690

Details

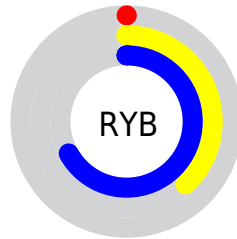
The Hex color **00AC82** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC002A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5DE4B7**, and **007651** is the 20% darker color. If you saturate the color by 10%, you get **00AC82**, and if you desaturate by 10%, it is **11AC86**.

Distribution



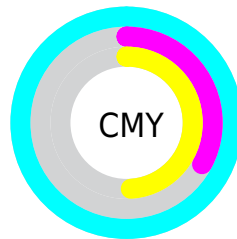
- Red (0%)
- Green (67%)
- Blue (51%)



- Red (0%)
- Yellow (38%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC82 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 00AC82 by changing the saturation by 10% instead.

 00AC82

 00AC82

FFFFFF

 009169

 5DE4B7

 007651

 7CFFD3

 005D3A

 9AFFEF

 004424

 B8FFFF

 002E0F


 D6FFFF

 001100

 F4FFFF

 000000

 00AC82

 11AC86

 22AC8A

 34AC8F

 45AC93

 56AC97

 67AC9B

 78AC9F

 8AACA4

 9BACA8

Harmonies

Analogous

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



67A759



00AC82



00ADAF

Triad

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



00AC82



7A94EB



DD7E5A

Complementary

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



00AC82



AC002A

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.



E97381



00AC82



B982D3

Square

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



00AC82



00A2EB



DE75AD



C18E41

Rectangle

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



00AC82



00ACCA



DE75AD



E37966

Sweetspot

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



00AC82



9DE0D0



2BAC00



487066



F0F0F0



707070

Same Dimension

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



00AC82



00E0AA



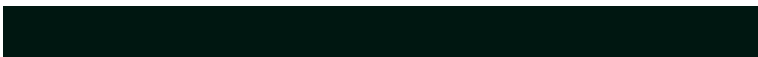
0081AC



4E5755



009672



001711

Inverse Universe

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



AC002A



E00037



AC2B00



574E50



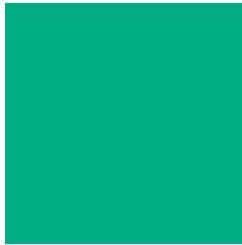
960025



170006

Previews

White Background



This preview shows how the Hex color 00AC82 looks on a white background.

Color Contrast Check

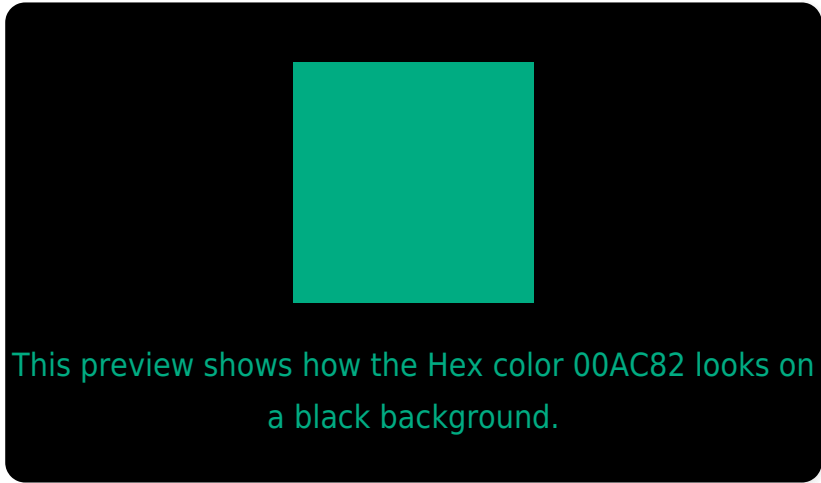
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

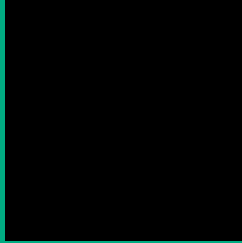
Any Text WCAG AA ✓ Pass

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 00AC82 Background



This preview shows how black text looks on a background with the Hex color 00AC82.

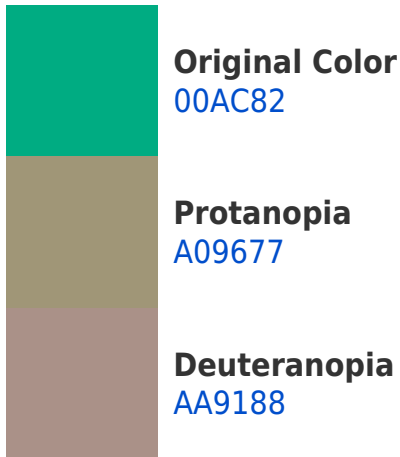


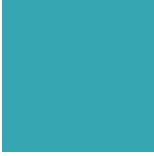
This preview shows how white text looks on a background with the Hex color 00AC82.

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
37A6B3

Trichromacy



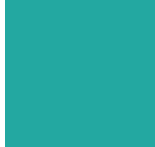
Original Color
00AC82



Protanomaly
669E7B



Deuteranomaly
6C9B86



Tritanomaly
23A8A1

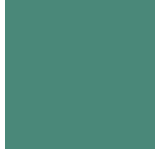
Monochromacy



Original Color
00AC82



Achromatopsia
747474



Achromatomaly
4A8879

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC82 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 #00AC82 looks like.

```
.text, #text, p{  
    color:#00AC82  
}
```

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 #00AC82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC82
}
```

Border

The CSS property to change the border of an element to Hex 00AC82 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
#00AC82 }
```

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

```
.border{ border-color:#00AC82 }
```

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

Here you see how a box with a 4 pixel #00AC82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC82; -webkit-box-shadow:4px 4px  
4px 4px #00AC82; box-shadow:4px 4px 4px  
4px #00AC82 }
```

Background

The CSS property to change the background color of an element to Hex 00AC82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC82 }
```

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

```
.background{ background-color:#00AC82 }
```

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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