

Converting Colors

Hex(00A086)

Have a look what the booklet for
Hex(00A086) contains.

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Color

Hex(00A086)

Conversions

Conversions Part 1

Format	Color
Hex	00A086
RGB	0, 160, 134
RGB Percent	0%, 63%, 53%
CMY	1.0000, 0.3725, 0.4745
CMYK	1.00, 0.00, 0.16, 0.37
HSL	170°, 100%, 31%
HSV	170°, 100%, 63%
XYZ	16.8739, 26.8628, 26.8500
YIQ	109.1960, -87.0140, -42.0060

Conversions

Conversions Part 2

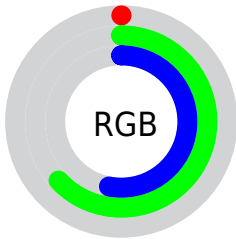
Format	Color
RYB	0, 87, 160
Decimal	41094
CIELab	58.85, -41.60, 3.63
CIELCh	59, 41.760, 175.014
Yxy	26.8628, 0.2391, 0.3806
Android (android.graphics.Color)	4278231174 (0xFF00A086)
YUV	109.1960, 12.2284, -95.7649
Hunter-Lab	51.8294, -32.5879, 5.5657

Details

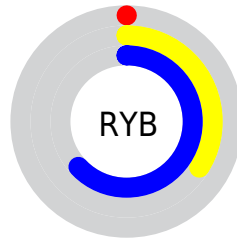
The Hex color **00A086** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A0001A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5AD8BB**, and **006B54** is the 20% darker color. If you saturate the color by 10%, you get **00A086**, and if you desaturate by 10%, it is **10A089**.

Distribution



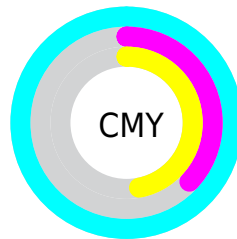
- Red (0%)
- Green (63%)
- Blue (53%)



- Red (0%)
- Yellow (34%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A086 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 00A086 by changing the saturation by 10% instead.

 00A086

 00A086

FFFFFF

 00856D

 5AD8BB

 006B54

 79F4D7

 00523D

 96FFF3

 003A28

 B4FFF3

 002513

 D2FFF3

 000000

 F0FFFF

 00A086

 10A089

 20A08B

 30A08E

 40A090

 50A093

 60A096

 70A098

 80A09B

 90A09D

Harmonies

Analogous

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



599C62



00A086



00A0AB

Triad

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



00A086



8786D0



C47C53

Complementary

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



00A086



A0001A

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.



D27171



00A086



B578B8

Square

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



00A086



3F93D6



CE7095



A98943

Rectangle

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



00A086



009EC0



CE7095



CB785B

Sweetspot

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



00A086



92D1C7



1BA000



436962



E8E8E8



696969

Same Dimension

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



00A086



00D1AF



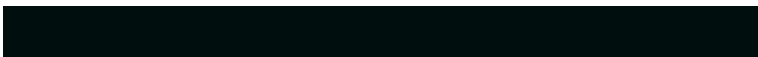
006BA0



474F4E



008F78



000F0D

Inverse Universe

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



A0001A



D10022



A03500



4F4748



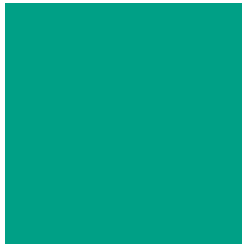
8F0017



0F0002

Previews

White Background



This preview shows how the Hex color 00A086 looks on a white background.

Color Contrast Check

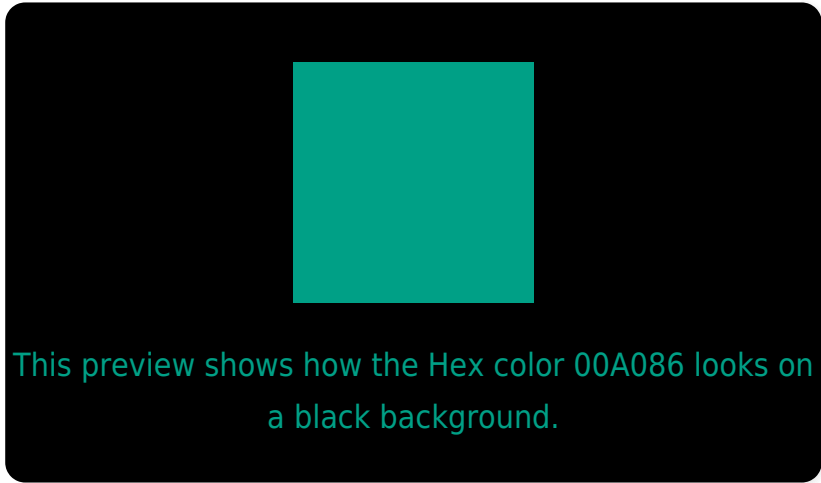
Large Text (above 18pt) WCAG AA ✓ Pass

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

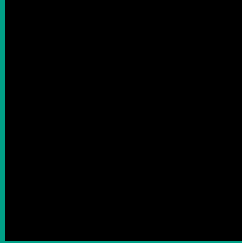
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A086 Background



This preview shows how black text looks on a background with the Hex color 00A086.

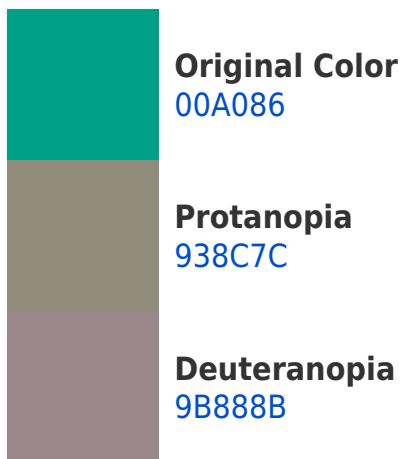


This preview shows how white text looks on a background with the Hex color 00A086.

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](#).

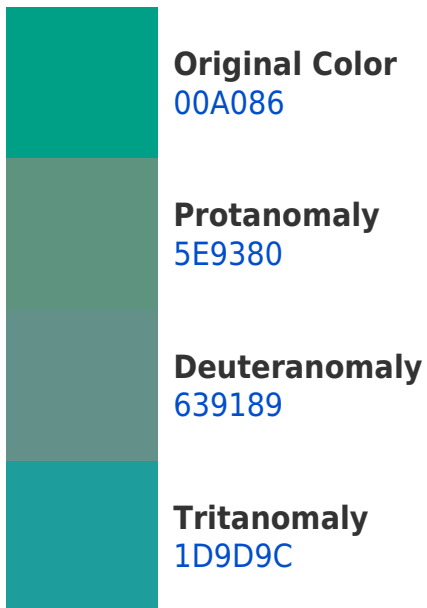
Dichromacy



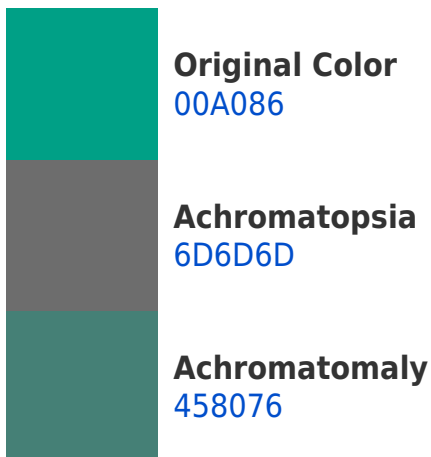


Tritanopia
2E9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A086 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 #00A086 looks like.

```
.text, #text, p{  
    color:#00A086  
}
```

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 #00A086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A086
}
```

Border

The CSS property to change the border of an element to Hex 00A086 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
#00A086 }
```

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

```
.border{ border-color:#00A086 }
```

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

Here you see how a box with a 4 pixel #00A086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A086; -webkit-box-shadow:4px 4px  
4px 4px #00A086; box-shadow:4px 4px 4px  
4px #00A086 }
```

Background

The CSS property to change the background color of an element to Hex 00A086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A086 }
```

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

```
.background{ background-color:#00A086 }
```

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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