

Converting Colors

Hex(00A488)

Have a look what the booklet for
Hex(00A488) contains.

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Color

Hex(00A488)

Conversions

Conversions Part 1

Format	Color
Hex	00A488
RGB	0, 164, 136
RGB Percent	0%, 64%, 53%
CMY	1.0000, 0.3569, 0.4667
CMYK	1.00, 0.00, 0.17, 0.36
HSL	170°, 100%, 32%
HSV	170°, 100%, 64%
XYZ	17.7194, 28.3285, 27.8266
YIQ	111.7720, -88.7560, -43.4760

Conversions

Conversions Part 2

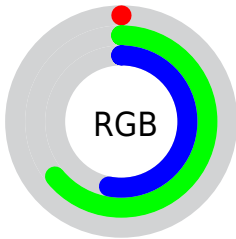
Format	Color
RYB	0, 90, 164
Decimal	42120
CIELab	60.18, -42.75, 4.43
CIELCh	60, 42.978, 174.081
Yxy	28.3285, 0.2399, 0.3835
Android (android.graphics.Color)	4278232200 (0xFF00A488)
YUV	111.7720, 11.9444, -98.0240
Hunter-Lab	53.2245, -33.7171, 6.2594

Details

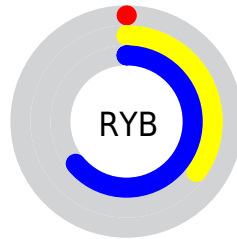
The Hex color **00A488** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A4001C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5BDCBD**, and **006F56** is the 20% darker color. If you saturate the color by 10%, you get **00A488**, and if you desaturate by 10%, it is **10A48B**.

Distribution



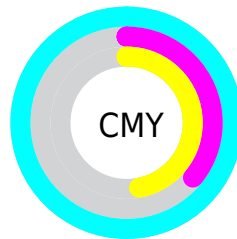
- Red (0%)
- Green (64%)
- Blue (53%)



- Red (0%)
- Yellow (35%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A488 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 00A488 by changing the saturation by 10% instead.

 00A488

 00A488


FFFFFF

 00896F

 5BDCBD

 006F56

 7AF9D9

 00563F


 98FFF5

 003D29


 B6FFF5

 002815

 D4FFF5

 000100

 F2FFF5

 000000

 00A488

 10A48B

 21A48E

 31A490

 42A493

 52A496

 62A499

 73A49C

 83A49E

 94A4A1

Harmonies

Analogous

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



5CA063



00A488



00A4AF

Triad

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



00A488



888AD6



CA7F55

Complementary

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



00A488



A4001C

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.



D87474



00A488



B97CBE

Square

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



00A488



3B97DC



D3729A



AE8C44

Rectangle

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



00A488



00A2C5



D3729A



D17A5E

Sweetspot

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



00A488



96D6CB



1EA400



456B65



EBEBEB



6B6B6B

Same Dimension

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



00A488



00D6B2



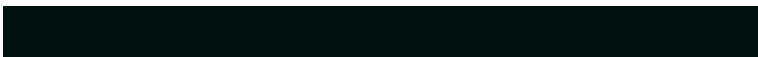
0070A4



495250



009179



00120F

Inverse Universe

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



A4001C



D60025



A43400



52494B



910019



120003

Previews

White Background



This preview shows how the Hex color 00A488 looks on a white background.

Color Contrast Check

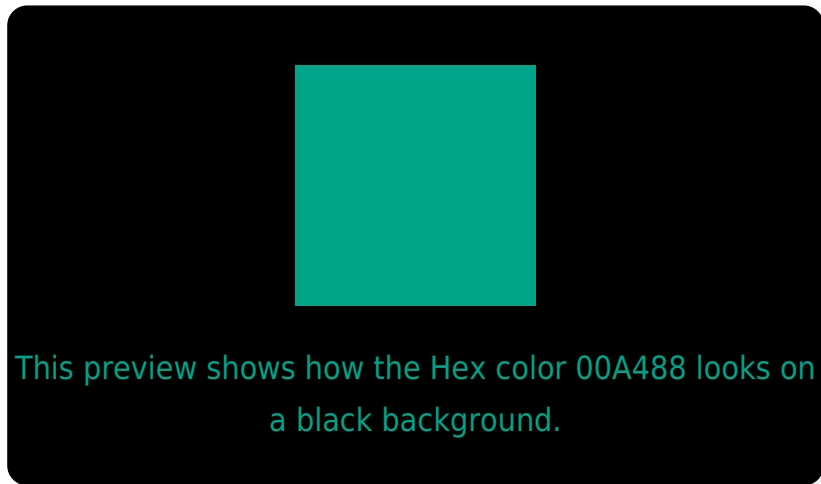
Large Text (above 18pt) WCAG AA ✓ Pass

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

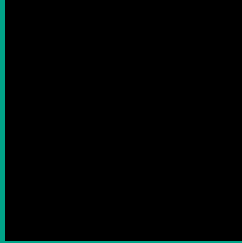
Any Text WCAG AA ✓ Pass

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 00A488 Background



This preview shows how black text looks on a background with the Hex color 00A488.

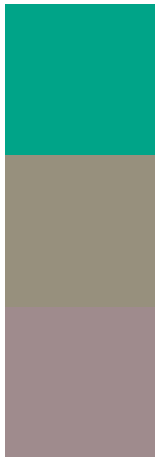


This preview shows how white text looks on a background with the Hex color 00A488.

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](#).

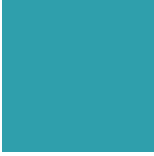
Dichromacy



Original Color
00A488

Protanopia
97907D

Deuteranopia
9F8B8D



Trichromacy



Original Color
00A488



Protanomaly
609781



Deuteranomaly
65948B



Tritanomaly
1EA19F

Monochromacy



Original Color
00A488



Achromatopsia
707070



Achromatomaly
478379

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A488 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 #00A488 looks like.

```
.text, #text, p{  
    color:#00A488  
}
```

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 #00A488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A488
}
```

Border

The CSS property to change the border of an element to Hex 00A488 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
#00A488 }
```

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

```
.border{ border-color:#00A488 }
```

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

Here you see how a box with a 4 pixel #00A488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A488; -webkit-box-shadow:4px 4px  
4px 4px #00A488; box-shadow:4px 4px 4px  
4px #00A488 }
```

Background

The CSS property to change the background color of an element to Hex 00A488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A488 }
```

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

```
.background{ background-color:#00A488 }
```

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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