

# Converting Colors

Hex(30AE8A)

Have a look what the booklet for  
Hex(30AE8A) contains.

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**Color**

**Hex(30AE8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30AE8A
RGB	48, 174, 138
RGB Percent	19%, 68%, 54%
CMY	0.8118, 0.3176, 0.4588
CMYK	0.72, 0.00, 0.21, 0.32
HSL	163°, 57%, 44%
HSV	163°, 72%, 68%
XYZ	20.9424, 32.7355, 29.2596
YIQ	132.2220, -63.5400, -37.9080

# Conversions

## Conversions Part 2

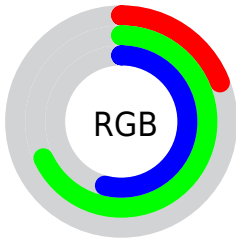
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 122, 174
Decimal	3190410
CIELab	63.95, -42.60, 8.78
CIELCh	64, 43.495, 168.360
Yxy	32.7355, 0.2525, 0.3947
Android (android.graphics.Color)	4281380490 (0xFF30AE8A)
YUV	132.2220, 2.8486, -73.8627
Hunter-Lab	57.2149, -34.7896, 9.7297

# Details

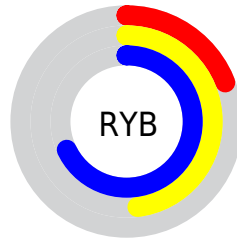
The Hex color **30AE8A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE3054**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70E6BF**, and **007958** is the 20% darker color. If you saturate the color by 10%, you get **1FAE85**, and if you desaturate by 10%, it is **41AE8F**.

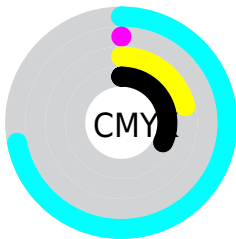
# Distribution



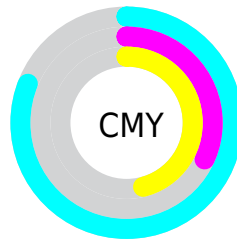
- Red (19%)
- Green (68%)
- Blue (54%)



- Red (19%)
- Yellow (48%)
- Blue (68%)



- Cyan (72%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)



- Cyan (81%)
- Magenta (32%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30AE8A 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 30AE8A by changing the saturation by 10% instead.





30AE8A



30AE8A

FFFFFF



009371



70E6BF



007958



8DFFDB



005F41



AAFFF8



00462B



C8FFFF



002F16



E6FFFF



001600



000000



30AE8A



30AE8A



1FAE85



41AE8F

0DAE80

53AE94

00AE7C

64AE99

76AE9E

87AEA3

98AEA8

AAEAD

BBAEB2

CDAEB7

# Harmonies

## Analogous

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



6FA966



30AE8A



00AFB2

# Triad

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



30AE8A



8697E4



DA8662

# Complementary

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



30AE8A



AE3054

# 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.



E57C85



30AE8A



BC88CF

# Square

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



30AE8A



32A3E6



DC7DAC



C0934E

# Rectangle

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



30AE8A



00ADCA



DC7DAC



E0826D



# Sweetspot

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



30AE8A



B1E3D5



56AE30



55736A



F2F2F2



737373



# Same Dimension

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



30AE8A



1EE3AB



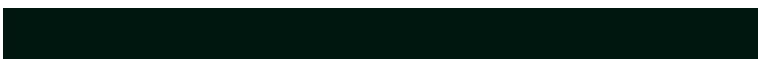
3095AE



4E5754



00966B



001710



# Inverse Universe

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



AE3054



E31E56



AE4930



574E51



96002B

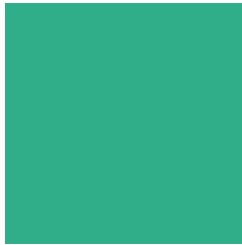


170007



# Previews

## White Background



This preview shows how the Hex color 30AE8A looks on a white background.

## Color Contrast Check

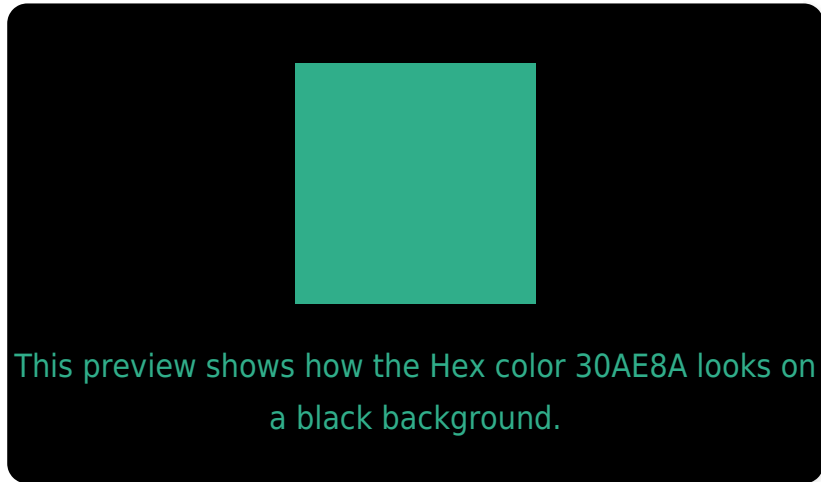
Large Text (above 18pt) WCAG AA × Fail

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

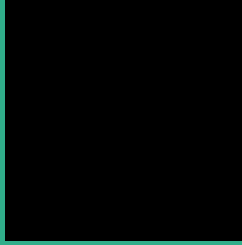
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 30AE8A Background



This preview shows how black text looks on a background with the Hex color 30AE8A.

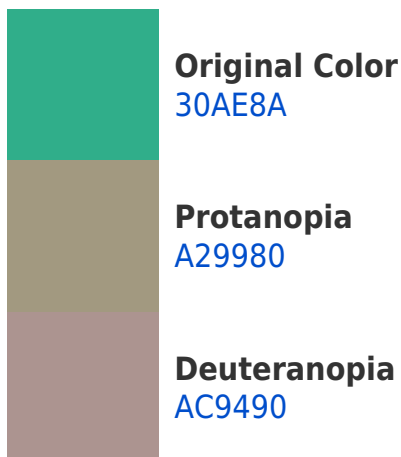


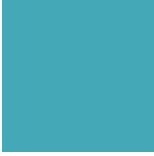
This preview shows how white text looks on a background with the Hex color 30AE8A.

# 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**  
45A8B6

# Trichromacy



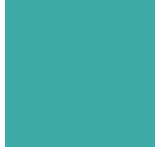
**Original Color**  
30AE8A



**Protanomaly**  
79A184



**Deuteranomaly**  
7F9D8E



**Tritanomaly**  
3DAAA6

# Monochromacy



**Original Color**  
30AE8A



**Achromatopsia**  
848484



**Achromatomaly**  
659386

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30AE8A 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 #30AE8A looks like.

```
.text, #text, p{  
    color:#30AE8A  
}
```

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 #30AE8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30AE8A
}
```

## Border

The CSS property to change the border of an element to Hex 30AE8A 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
#30AE8A }
```

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

```
.border{ border-color:#30AE8A }
```

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

Here you see how a box with a 4 pixel #30AE8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30AE8A; -webkit-box-shadow:4px 4px  
4px 4px #30AE8A; box-shadow:4px 4px 4px  
4px #30AE8A }
```

# Background

The CSS property to change the background color of an element to Hex 30AE8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30AE8A }
```

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

```
.background{ background-color:#30AE8A }
```

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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