

# Converting Colors

Hex(31AD8C)

Have a look what the booklet for  
Hex(31AD8C) contains.

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# Color

Hex(31AD8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	31AD8C
RGB	49, 173, 140
RGB Percent	19%, 68%, 55%
CMY	0.8078, 0.3216, 0.4510
CMYK	0.72, 0.00, 0.19, 0.32
HSL	164°, 56%, 44%
HSV	164°, 72%, 68%
XYZ	20.9438, 32.4336, 29.9674
YIQ	132.1620, -63.3110, -36.5510

# Conversions

## Conversions Part 2

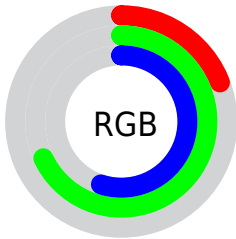
Format	Color
<a href="#">RYB</a>	<a href="#">49, 121, 173</a>
Decimal	<a href="#">3255692</a>
CIELab	<a href="#">63.70, -41.53, 7.32</a>
CIELCh	<a href="#">64, 42.171, 170.006</a>
Yxy	<a href="#">32.4336, 0.2513, 0.3891</a>
Android (android.graphics.Color)	<a href="#">4281445772 (0xFF31AD8C)</a>
YUV	<a href="#">132.1620, 3.8641, -72.9331</a>
Hunter-Lab	<a href="#">56.9505, -34.0191, 8.6669</a>

# Details

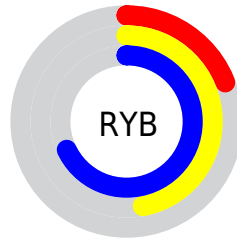
The Hex color **31AD8C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD3152**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70E5C2**, and **00785A** is the 20% darker color. If you saturate the color by 10%, you get **20AD87**, and if you desaturate by 10%, it is **42AD91**.

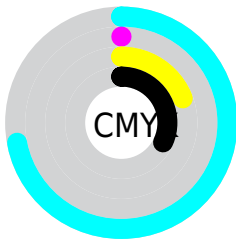
# Distribution



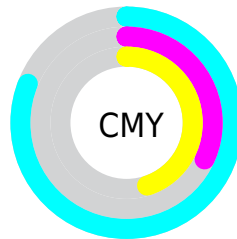
- Red (19%)
- Green (68%)
- Blue (55%)



- Red (19%)
- Yellow (47%)
- Blue (68%)



- Cyan (72%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (81%)
- Magenta (32%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31AD8C 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 31AD8C by changing the saturation by 10% instead.



 31AD8C

 31AD8C

FFFFFF

 009273

 70E5C2

 00785A

 8EFFDD

 005E43

 ABFFFA

 00462C

 C8FFFF

 002E18

 E6FFFF

 001500

 000000

 31AD8C

 31AD8C

 20AD87

 42AD91

0EAD83

54AD95

00AD7F

65AD9A

76AD9E

88ADA3

99ADA8

AAADAC

BBADB1

CDADB5

# Harmonies

## Analogous

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



6DA868



31AD8C



00AEB3

# Triad

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



31AD8C



8A95E1



D78662

# Complementary

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



31AD8C



AD3152

# 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.



E27D83



31AD8C



BD87CB

# Square

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



31AD8C



3FA2E4



DA7DA9



BC944F

# Rectangle

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



31AD8C



00ACC9



DA7DA9



DC826C



# Sweetspot

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



31AD8C



AFE0D3



52AD31



537068



F0F0F0



707070



# Same Dimension

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



31AD8C



1FE0AD



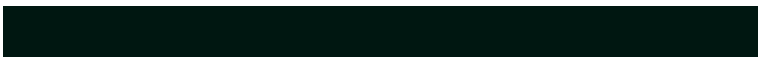
3190AD



4E5754



00966E



001711



# Inverse Universe

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



AD3152



E01F53



AD4E31



574E50



960028

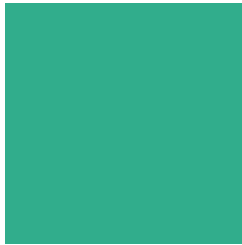


170006



# Previews

## White Background



This preview shows how the Hex color 31AD8C looks on a white background.

## Color Contrast Check

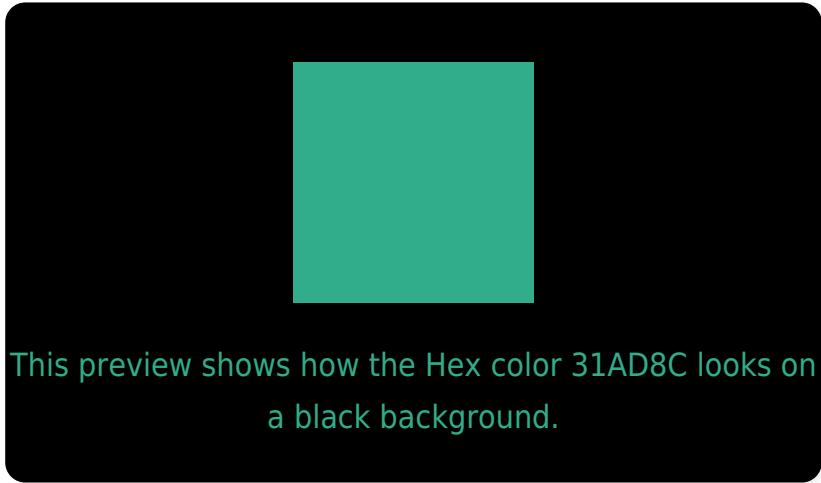
Large Text (above 18pt) WCAG AA × Fail

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

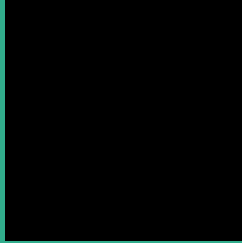
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 31AD8C Background



This preview shows how black text looks on a background with the Hex color 31AD8C.

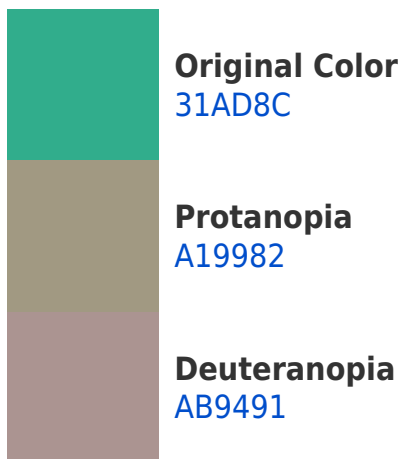


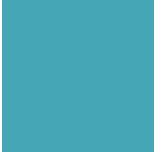
This preview shows how white text looks on a background with the Hex color 31AD8C.

# 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](#).

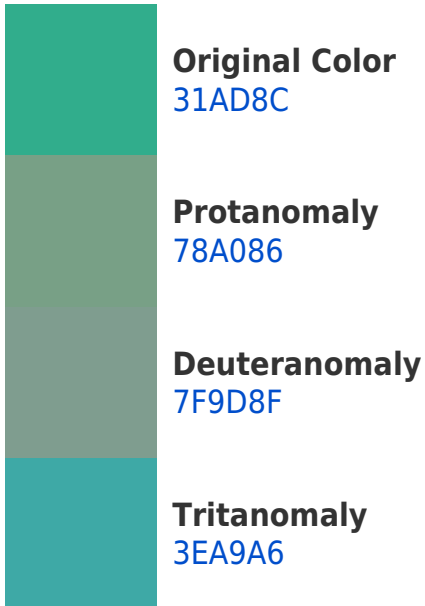
## Dichromacy





**Tritanopia**  
45A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31AD8C 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 #31AD8C looks like.

```
.text, #text, p{  
    color:#31AD8C  
}
```

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 #31AD8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AD8C
}
```

## Border

The CSS property to change the border of an element to Hex 31AD8C 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
#31AD8C }
```

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

```
.border{ border-color:#31AD8C }
```

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

Here you see how a box with a 4 pixel #31AD8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AD8C; -webkit-box-shadow:4px 4px  
4px 4px #31AD8C; box-shadow:4px 4px 4px  
4px #31AD8C }
```

# Background

The CSS property to change the background color of an element to Hex 31AD8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AD8C }
```

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

```
.background{ background-color:#31AD8C }
```

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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