

# Converting Colors

Hex(30A3AD)

Have a look what the booklet for  
Hex(30A3AD) contains.

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**Color**

**Hex(30A3AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30A3AD
RGB	48, 163, 173
RGB Percent	19%, 64%, 68%
CMY	0.8118, 0.3608, 0.3216
CMYK	0.72, 0.06, 0.00, 0.32
HSL	185°, 57%, 43%
HSV	185°, 72%, 68%
XYZ	21.8589, 29.8399, 44.1428
YIQ	129.7550, -71.7500, -21.2700

# Conversions

## Conversions Part 2

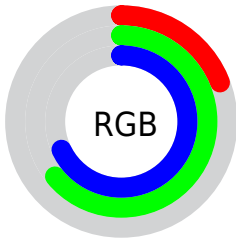
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 108, 173
Decimal	3187629
CIE <sub>Lab</sub>	61.52, -27.78, -14.38
CIE <sub>LCh</sub>	62, 31.281, 207.358
Yxy	29.8399, 0.2281, 0.3113
Android (android.graphics.Color)	4281377709 (0xFF30A3AD)
YUV	129.7550, 21.3198, -71.6991
Hunter-Lab	54.6259, -24.1673, -9.6736




# Details

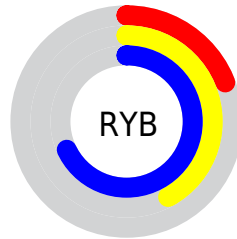
The Hex color **30A3AD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD3A30**, and the grayscale version is **828282**.




A 20% lighter version of the original color is **71DAE4**, and **006F79** is the 20% darker color. If you saturate the color by 10%, you get **1FA2AD**, and if you desaturate by 10%, it is **41A4AD**.

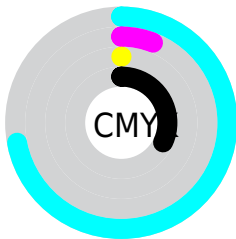
# Distribution







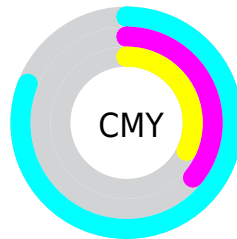
-  Red (19%)
-  Green (64%)
-  Blue (68%)






-  Red (19%)
-  Yellow (42%)
-  Blue (68%)



-  Cyan (72%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (81%)
-  Magenta (36%)
-  Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30A3AD 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 30A3AD by changing the saturation by 10% instead.



■ 30A3AD

■ 30A3AD

FFFFFF

■ 008892

■ 71DAE4

■ 006F79

■ 8EF7FF

■ 005660

■ ACFFFF

■ 003E48

■ CAFFFF

■ 002832

■ E8FFFF

■ 000C1D

■ 000000

■ 30A3AD

■ 30A3AD

■ 1FA2AD

■ 41A4AD

0DA0AD

53A6AD

009FAD

64A7AD

75A9AD

87AAAD

98ABAD

A9ADAD

BAAEAD

CCAFAD

# Harmonies

## Analogous

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



4AA391



30A3AD



3F9FC2

# Triad

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



30A3AD



B585B3



AA925D

# Complementary

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



30A3AD



AD3A30

# 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.



BF8867



30A3AD



C88098

# Square

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



30A3AD



958EC6



CB817C



8D9B63

# Rectangle

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



30A3AD



5B9BCA



CB817C



B28F5F



# Sweetspot

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



30A3AD



AFDCE0



30AD38



536E70



F0F0F0



707070



# Same Dimension

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



30A3AD



1DD1E0



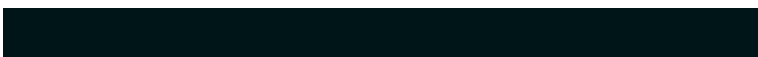
3066AD



4E5657



008A96



001517



# Inverse Universe

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



AD30A3



E01DD1



AD7730



574E56



96008A



170015



# Previews

## White Background



This preview shows how the Hex color 30A3AD 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



This preview shows how the Hex color 30A3AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

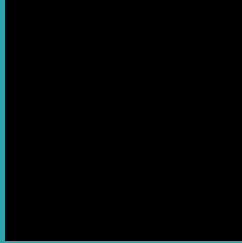
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 30A3AD Background



This preview shows how black text looks on a background with the Hex color 30A3AD.

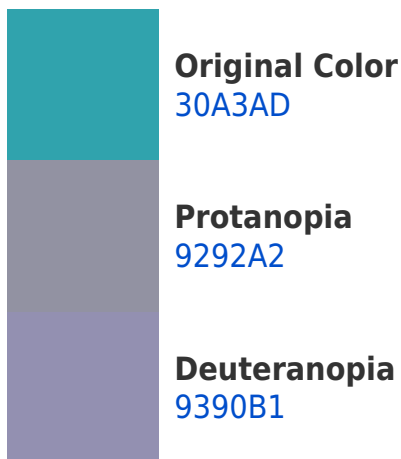


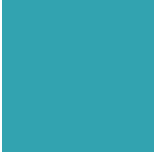
This preview shows how white text looks on a background with the Hex color 30A3AD.

# 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**  
32A3B0

# Trichromacy



**Original Color**  
30A3AD



**Protanomaly**  
6E98A6



**Deuteranomaly**  
6F97B0



**Tritanomaly**  
31A3AF

# Monochromacy



**Original Color**  
30A3AD



**Achromatopsia**  
828282



**Achromatomaly**  
648E92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30A3AD 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 #30A3AD looks like.

```
.text, #text, p{  
    color:#30A3AD  
}
```

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 #30A3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A3AD
}
```

## Border

The CSS property to change the border of an element to Hex 30A3AD 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
#30A3AD }
```

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

```
.border{ border-color:#30A3AD }
```

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

Here you see how a box with a 4 pixel #30A3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A3AD; -webkit-box-shadow:4px 4px  
4px 4px #30A3AD; box-shadow:4px 4px 4px  
4px #30A3AD }
```

# Background

The CSS property to change the background color of an element to Hex 30A3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A3AD }
```

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

```
.background{ background-color:#30A3AD }
```

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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