

Converting Colors

Hex(3DAD9A)

Have a look what the booklet for
Hex(3DAD9A) contains.

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Color

Hex(3DAD9A)

Conversions

Conversions Part 1

Format	Color
Hex	3DAD9A
RGB	61, 173, 154
RGB Percent	24%, 68%, 60%
CMY	0.7608, 0.3216, 0.3961
CMYK	0.65, 0.00, 0.11, 0.32
HSL	170°, 48%, 46%
HSV	170°, 65%, 68%
XYZ	22.7008, 33.2123, 35.7860
YIQ	137.3460, -60.6530, -29.6530

Conversions

Conversions Part 2

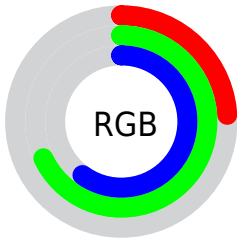
Format	Color
RYB	61, 122, 173
Decimal	4042138
CIELab	64.33, -36.04, 0.48
CIElCh	64, 36.043, 179.233
Yxy	33.2123, 0.2476, 0.3622
Android (android.graphics.Color)	4282232218 (0xFF3DAD9A)
YUV	137.3460, 8.2104, -66.9554
Hunter-Lab	57.6301, -30.5408, 3.5244

Details

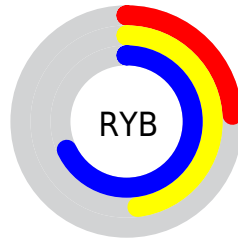
The Hex color **3DAD9A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD3D50**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **79E5D0**, and **007867** is the 20% darker color. If you saturate the color by 10%, you get **2CAD97**, and if you desaturate by 10%, it is **4EAD9D**.

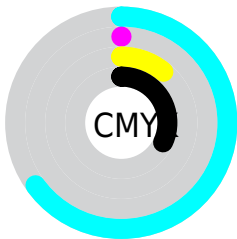
Distribution



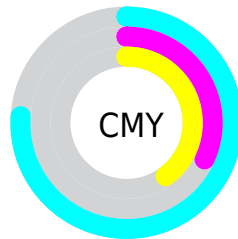
- Red (24%)
- Green (68%)
- Blue (60%)



- Red (24%)
- Yellow (48%)
- Blue (68%)



- Cyan (65%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (76%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DAD9A 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 3DAD9A by changing the saturation by 10% instead.

 3DAD9A

 3DAD9A

FFFFFF

 159280

 79E5D0

 007867

 96FFED

 005F4F

 B3FFFF

 004638

 D1FFFF

 002F23

 EEEFFF

 00180D

 000000

 3DAD9A

 3DAD9A

 2CAD97

 4EAD9D

■ 1AAD94

■ 60ADA0

■ 09AD91

■ 71ADA3

■ 00AD90

■ 82ADA6

■ 93ADA9

■ A5ADAC

■ B6ADAF

■ C7ADB1

■ D9ADB4

Harmonies

Analogous

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



6AAA7A



3DAD9A



00ACBA

Triad

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



3DAD9A



9E94D4



CB8F66

Complementary

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



3DAD9A



AD3D50

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.



D9857E



3DAD9A



C489BD

Square

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



3DAD9A



6B9FDC



D8839E



B29A5B

Rectangle

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



3DAD9A



17AACC



D8839E



D28B6D

Sweetspot

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



3DAD9A



B6E0D9



52AD3D



56706C



F0F0F0



707070

Same Dimension

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



3DAD9A



31E0C3



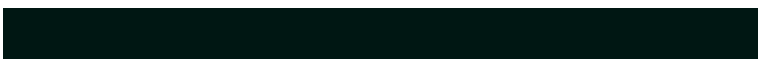
3D8AAD



4E5755



00967D



001713

Inverse Universe

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



AD3D50



E0314F



AD603D



574E50



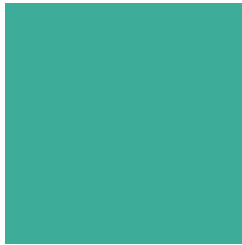
96001A



170004

Previews

White Background



This preview shows how the Hex color 3DAD9A looks on a white background.

Color Contrast Check

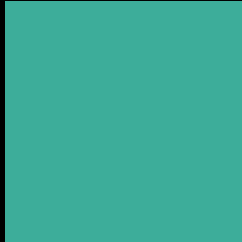
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3DAD9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

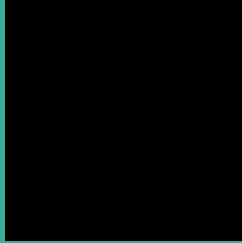
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 3DAD9A Background



This preview shows how black text looks on a background with the Hex color 3DAD9A.

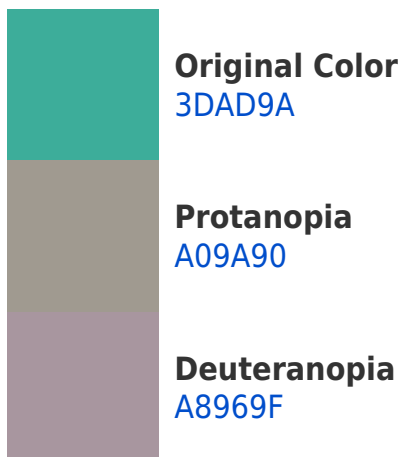


This preview shows how white text looks on a background with the Hex color 3DAD9A.

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](#).

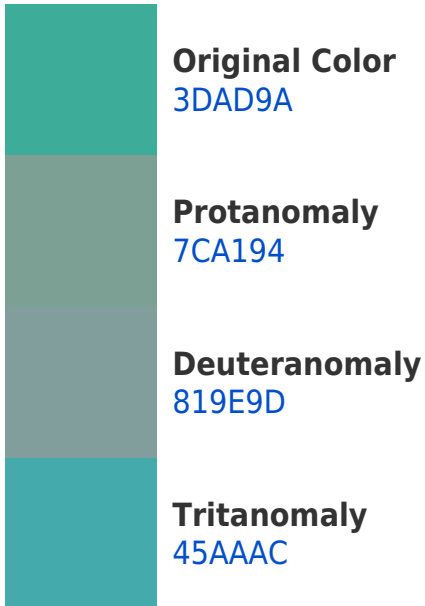
Dichromacy





Tritanopia
4AA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DAD9A 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 #3DAD9A looks like.

```
.text, #text, p{  
    color:#3DAD9A  
}
```

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 #3DAD9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAD9A
}
```

Border

The CSS property to change the border of an element to Hex 3DAD9A 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
#3DAD9A }
```

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

```
.border{ border-color:#3DAD9A }
```

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

Here you see how a box with a 4 pixel #3DAD9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAD9A; -webkit-box-shadow:4px 4px  
4px 4px #3DAD9A; box-shadow:4px 4px 4px  
4px #3DAD9A }
```

Background

The CSS property to change the background color of an element to Hex 3DAD9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAD9A }
```

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

```
.background{ background-color:#3DAD9A }
```

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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