

Converting Colors

Hex(16ADA4)

Have a look what the booklet for
Hex(16ADA4) contains.

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Color

Hex(16ADA4)

Conversions

Conversions Part 1

Format	Color
Hex	16ADA4
RGB	22, 173, 164
RGB Percent	9%, 68%, 64%
CMY	0.9137, 0.3216, 0.3569
CMYK	0.87, 0.00, 0.05, 0.32
HSL	176°, 77%, 38%
HSV	176°, 87%, 68%
XYZ	21.9753, 32.7380, 40.2828
YIQ	126.8250, -87.1070, -34.8110

Conversions

Conversions Part 2

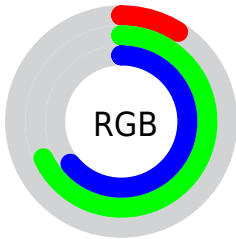
Format	Color
RYB	22, 100, 173
Decimal	1486244
CIELab	63.95, -37.72, -5.73
CIELCh	64, 38.158, 188.644
Yxy	32.7380, 0.2313, 0.3446
Android (android.graphics.Color)	4279676324 (0xFF16ADA4)
YUV	126.8250, 18.3273, -91.9315
Hunter-Lab	57.2172, -31.5739, -1.6901

Details

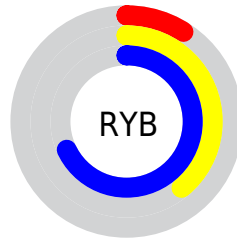
The Hex color **16ADA4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD161F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **65E5DB**, and **007870** is the 20% darker color. If you saturate the color by 10%, you get **05ADA3**, and if you desaturate by 10%, it is **27ADA5**.

Distribution



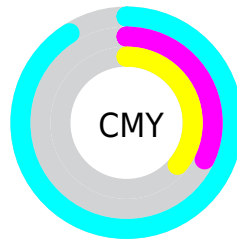
- Red (9%)
- Green (68%)
- Blue (64%)



- Red (9%)
- Yellow (39%)
- Blue (68%)



- Cyan (87%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (91%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16ADA4 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 16ADA4 by changing the saturation by 10% instead.

 16ADA4

 16ADA4

FFFFFF

 00928A

 65E5DB

 007870

 84FFF7

 005E58

 A2FFFF

 004641

 C0FFFF

 002F2B

 DEFFFF

 001717

FDFFFF

 000000

 16ADA4

 16ADA4

 05ADA3

 27ADA5

00ADA3

39ADA6

4AADA7

5BADA8

6DADA9

7EADAA

8FADAB

A0ADAC

B2ADAD

Harmonies

Analogous

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



57AB81



16ADA4



00ABC4

Triad

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



16ADA4



AB8ED0



C5905C

Complementary

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



16ADA4



AD161F

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.



D88572



16ADA4



CD84B4

Square

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



16ADA4



789BDE



DC8092



A79C56

Rectangle

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



16ADA4



0FA8D4



DC8092



CD8C62

Sweetspot

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



16ADA4



A6E0DD



20AD16



4D706E



F0F0F0



707070

Same Dimension

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



16ADA4



00E0D3



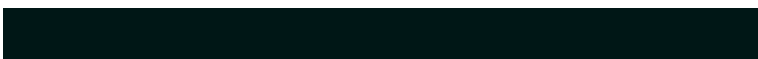
166CAD



4E5756



00968D



001716

Inverse Universe

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



AD161F



E0000D



AD5716



574E4F



960009



170001

Previews

White Background



This preview shows how the Hex color 16ADA4 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 16ADA4 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 16ADA4 Background



This preview shows how black text looks on a background with the Hex color 16ADA4.

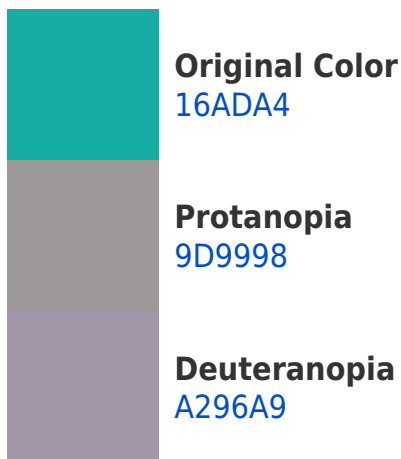


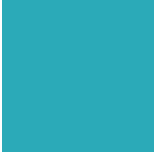
This preview shows how white text looks on a background with the Hex color 16ADA4.

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](#).

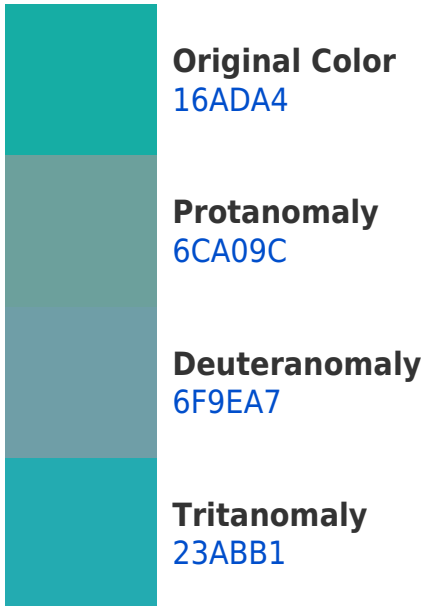
Dichromacy



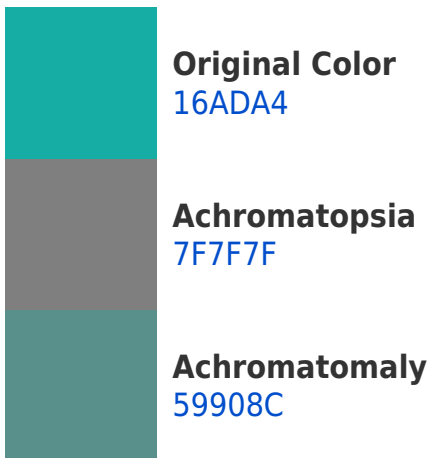


Tritanopia
2BAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16ADA4 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 #16ADA4 looks like.

```
.text, #text, p{  
    color:#16ADA4  
}
```

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 #16ADA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16ADA4
}
```

Border

The CSS property to change the border of an element to Hex 16ADA4 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
#16ADA4 }
```

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

```
.border{ border-color:#16ADA4 }
```

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

Here you see how a box with a 4 pixel #16ADA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16ADA4; -webkit-box-shadow:4px 4px  
4px 4px #16ADA4; box-shadow:4px 4px 4px  
4px #16ADA4 }
```

Background

The CSS property to change the background color of an element to Hex 16ADA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16ADA4 }
```

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

```
.background{ background-color:#16ADA4 }
```

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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