

# Converting Colors

Hex(15AD7E)

Have a look what the booklet for  
Hex(15AD7E) contains.

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# Color

Hex(15AD7E)

# Conversions

## Conversions Part 1

Format	Color
Hex	15AD7E
RGB	21, 173, 126
RGB Percent	8%, 68%, 49%
CMY	0.9176, 0.3216, 0.5059
CMYK	0.88, 0.00, 0.27, 0.32
HSL	161°, 78%, 38%
HSV	161°, 88%, 68%
XYZ	19.0187, 31.5529, 24.8266
YIQ	122.1940, -75.5050, -46.8410

# Conversions

## Conversions Part 2

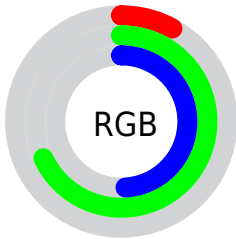
Format	Color
<a href="#">RYB</a>	<a href="#">21, 111, 173</a>
Decimal	<a href="#">1420670</a>
CIELab	<a href="#">62.97, -47.95, 13.97</a>
CIELCh	<a href="#">63, 49.940, 163.751</a>
Yxy	<a href="#">31.5529, 0.2522, 0.4185</a>
Android (android.graphics.Color)	<a href="#">4279610750 (0xFF15AD7E)</a>
YUV	<a href="#">122.1940, 1.8764, -88.7471</a>
Hunter-Lab	<a href="#">56.1720, -37.8644, 13.1157</a>

# Details

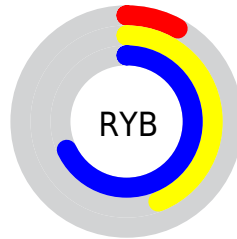
The Hex color **15AD7E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD1544**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E5B3**, and **00774D** is the 20% darker color. If you saturate the color by 10%, you get **04AD79**, and if you desaturate by 10%, it is **26AD83**.

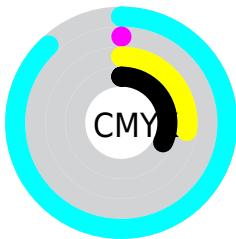
# Distribution



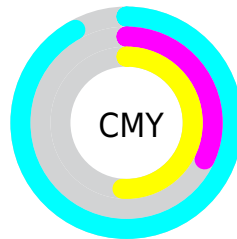
- Red (8%)
- Green (68%)
- Blue (49%)



- Red (8%)
- Yellow (44%)
- Blue (68%)



- Cyan (88%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)



- Cyan (92%)
- Magenta (32%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15AD7E 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 15AD7E by changing the saturation by 10% instead.



 15AD7E

 15AD7E

FFFFFF

 009265

 62E5B3

 00774D

 80FFCE

 005E36

 9EFFEB

 004520

 BCFFFF

 002E0A

 DAFFFF

 001200

 F8FFFF

 000000

 15AD7E

 15AD7E

 04AD79

 26AD83

00AD78

38AD89

49AD8E

5AAD93

6CAD99

7DAD9E

8EADA3

9FADA9

B1ADAE

# Harmonies

## Analogous

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



6DA756



15AD7E



00AFAC

# Triad

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



15AD7E



7196EF



E27D5D

# Complementary

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



15AD7E



AD1544

# 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.



EB7286



15AD7E



B684D9

# Square

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



15AD7E



00A4ED



DE75B2



C68D41

# Rectangle

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



15AD7E



00ADC8



DE75B2



E77869



# Sweetspot

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



15AD7E



A6E0CE



45AD15



4D7065



F0F0F0



707070



# Same Dimension

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



15AD7E



00E09B



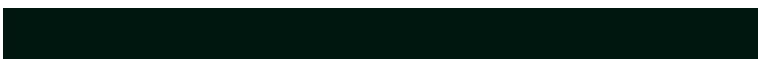
1591AD



4E5754



009668



001710



# Inverse Universe

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



AD1544



E00045



AD3115



574E51



96002F



170007



# Previews

## White Background



This preview shows how the Hex color 15AD7E looks on a white background.

## Color Contrast Check

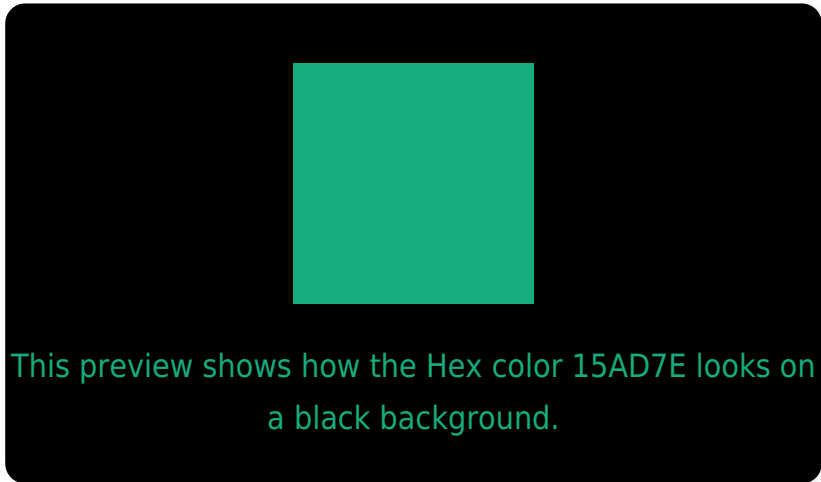
Large Text (above 18pt) WCAG AA × Fail

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 15AD7E Background



This preview shows how black text looks on a background with the Hex color 15AD7E.

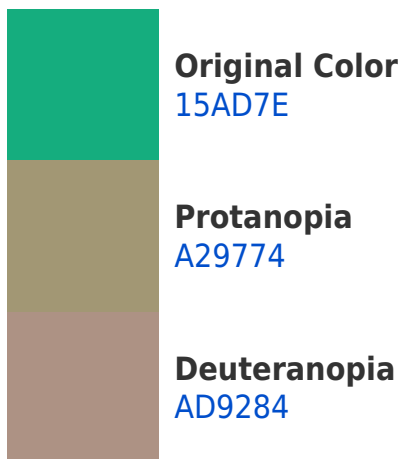


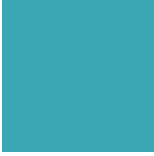
This preview shows how white text looks on a background with the Hex color 15AD7E.

# 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**  
3BA6B4

# Trichromacy



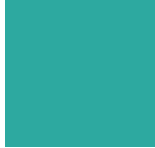
**Original Color**  
15AD7E



**Protanomaly**  
6F9F78



**Deuteranomaly**  
769C82



**Tritanomaly**  
2DA9A0

# Monochromacy



**Original Color**  
15AD7E



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
558D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15AD7E 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 #15AD7E looks like.

```
.text, #text, p{  
    color:#15AD7E  
}
```

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 #15AD7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AD7E
}
```

## Border

The CSS property to change the border of an element to Hex 15AD7E 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
#15AD7E }
```

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

```
.border{ border-color:#15AD7E }
```

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

Here you see how a box with a 4 pixel #15AD7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AD7E; -webkit-box-shadow:4px 4px  
4px 4px #15AD7E; box-shadow:4px 4px 4px  
4px #15AD7E }
```

# Background

The CSS property to change the background color of an element to Hex 15AD7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AD7E }
```

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

```
.background{ background-color:#15AD7E }
```

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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