

Converting Colors

Hex(15AD7D)

Have a look what the booklet for
Hex(15AD7D) contains.

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Color

Hex(15AD7D)

Conversions

Conversions Part 1

Format	Color
Hex	15AD7D
RGB	21, 173, 125
RGB Percent	8%, 68%, 49%
CMY	0.9176, 0.3216, 0.5098
CMYK	0.88, 0.00, 0.28, 0.32
HSL	161°, 78%, 38%
HSV	161°, 88%, 68%
XYZ	18.9545, 31.5272, 24.4884
YIQ	122.0800, -75.1840, -47.1520

Conversions

Conversions Part 2

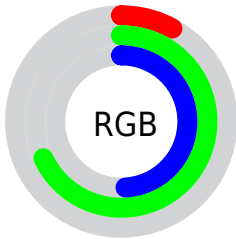
Format	Color
R_{YB}	21, 111, 173
Decimal	1420669
CIE _{Lab}	62.95, -48.18, 14.49
CIE _{LCh}	63, 50.315, 163.258
Yxy	31.5272, 0.2528, 0.4205
Android (android.graphics.Color)	4279610749 (0xFF15AD7D)
YUV	122.0800, 1.4396, -88.6472
Hunter-Lab	56.1491, -38.0039, 13.4462

Details

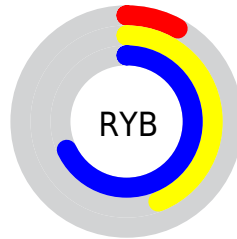
The Hex color **15AD7D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD1545**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E5B2**, and **00774C** is the 20% darker color. If you saturate the color by 10%, you get **04AD78**, and if you desaturate by 10%, it is **26AD82**.

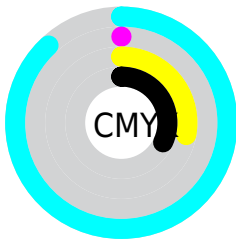
Distribution



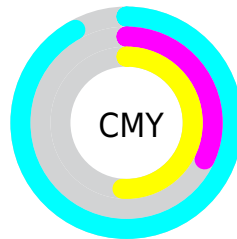
- Red (8%)
- Green (68%)
- Blue (49%)



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



- Cyan (88%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 15AD7D 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 15AD7D by changing the saturation by 10% instead.

■ 15AD7D

■ 15AD7D

FFFFFF

■ 009264

■ 62E5B2

■ 00774C

■ 80FFCD

■ 005E35

■ 9EFFE9

■ 00451F

■ BCFFFF

■ 002E09

■ DAFFFF

■ 001200

■ F8FFFF

■ 000000

■ 15AD7D

■ 15AD7D

■ 04AD78

■ 26AD82

 00AD76

 38AD88

 49AD8D

 5AAD93

 6CAD98

 7DAD9E

 8EADA3

 9FADA9

 B1ADAE

Harmonies

Analogous

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



6DA754



15AD7D



00AFAB

Triad

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



15AD7D



6F96EF



E27C5D

Complementary

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



15AD7D



AD1545

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.



EC7286



15AD7D



B585DA

Square

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



15AD7D



00A4EE



DE75B3



C78D41

Rectangle

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



15AD7D



00AEC8



DE75B3



E8786A

Sweetspot

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



15AD7D



A6E0CE



45AD15



4D7065



F0F0F0



707070

Same Dimension

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



15AD7D



00E09A



1591AD



4E5754



009667



001710

Inverse Universe

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



AD1545



E00047



AD3115



574E51



960030



170007

Previews

White Background



This preview shows how the Hex color 15AD7D 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 15AD7D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

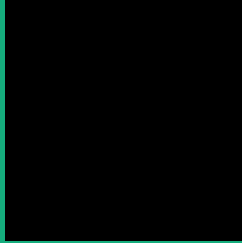
Any Text WCAG AA ✓ Pass

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 15AD7D Background



This preview shows how black text looks on a background with the Hex color 15AD7D.

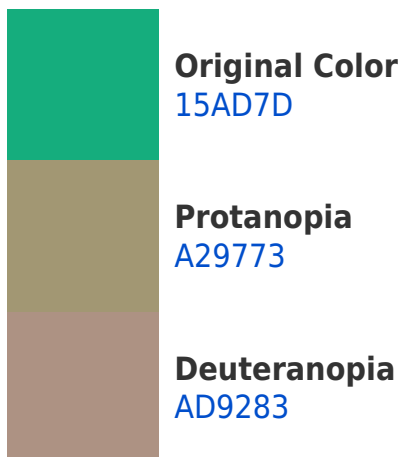


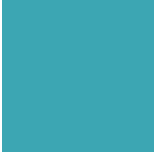
This preview shows how white text looks on a background with the Hex color 15AD7D.

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
3CA6B3

Trichromacy



Original Color
15AD7D



Protanomaly
6F9F77



Deuteranomaly
769C81



Tritanomaly
2EA99F

Monochromacy



Original Color
15AD7D



Achromatopsia
7A7A7A



Achromatomaly
558D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 15AD7D 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 #15AD7D looks like.

```
.text, #text, p{  
    color:#15AD7D  
}
```

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 #15AD7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AD7D
}
```

Border

The CSS property to change the border of an element to Hex 15AD7D 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
#15AD7D }
```

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

```
.border{ border-color:#15AD7D }
```

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

Here you see how a box with a 4 pixel #15AD7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AD7D; -webkit-box-shadow:4px 4px  
4px 4px #15AD7D; box-shadow:4px 4px 4px  
4px #15AD7D }
```

Background

The CSS property to change the background color of an element to Hex 15AD7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AD7D }
```

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

```
.background{ background-color:#15AD7D }
```

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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