

# Converting Colors

Hex(15D7A1)

Have a look what the booklet for  
Hex(15D7A1) contains.

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# Color

Hex(15D7A1)

# Conversions

## Conversions Part 1

Format	Color
Hex	15D7A1
RGB	21, 215, 161
RGB Percent	8%, 84%, 63%
CMY	0.9176, 0.1569, 0.3686
CMYK	0.90, 0.00, 0.25, 0.16
HSL	163°, 82%, 46%
HSV	163°, 90%, 84%
XYZ	31.0427, 51.3335, 41.9905
YIQ	150.8380, -98.2900, -57.9220

# Conversions

## Conversions Part 2

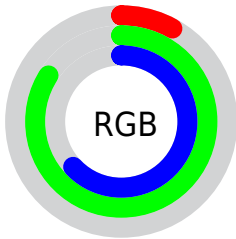
Format	Color
<a href="#">RYB</a>	<a href="#">21, 134, 215</a>
Decimal	<a href="#">1431457</a>
CIELab	<a href="#">76.88, -56.02, 14.56</a>
CIELCh	<a href="#">77, 57.877, 165.428</a>
Yxy	<a href="#">51.3335, 0.2496, 0.4128</a>
Android (android.graphics.Color)	<a href="#">4279621537 (0xFF15D7A1)</a>
YUV	<a href="#">150.8380, 5.0099, -113.8679</a>
Hunter-Lab	<a href="#">71.6474, -48.0442, 15.4051</a>

# Details

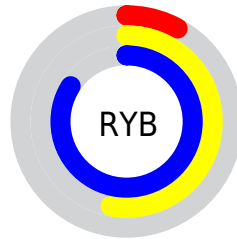
The Hex color **15D7A1** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D7154B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6DFFD8**, and **009F6D** is the 20% darker color. If you saturate the color by 10%, you get **00D79B**, and if you desaturate by 10%, it is **2BD7A7**.

# Distribution



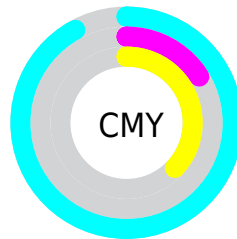
- Red (8%)
- Green (84%)
- Blue (63%)



- Red (8%)
- Yellow (53%)
- Blue (84%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)



- Cyan (92%)
- Magenta (16%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D7A1 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 15D7A1 by changing the saturation by 10% instead.



 15D7A1

 15D7A1

FFFFFF

 00BB87

 6DFFD8

 009F6D

 8EFFF4

 008455

 ADFFFF

 006A3E

 CCFFFF

 005027

 EBFFFF

 003813

 002000

 000000

 15D7A1

 15D7A1

 00D79B

 2BD7A7

 40D7AD

 56D7B3

 6BD7B9

 81D7BF

 96D7C5

 ACD7CB

 C1D7D1

 D7D7D7

# Harmonies

## Analogous

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



85D070



15D7A1



00D9D9

# Triad

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



15D7A1



94BAFF



FF9E74

# Complementary

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



15D7A1



D7154B

# 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.



FF90A4



15D7A1



E5A5FF

# Square

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



15D7A1



00CBFF



FF93DA



F3B254

# Rectangle

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



15D7A1



00D7FA



FF93DA



FF9882

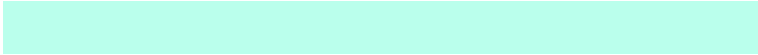


# Sweetspot

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



15D7A1



BAFFEC



4CD715



578074



000000



808080



# Same Dimension

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



15D7A1



00FFB8



15ADD7



606B68



00AB7B



002B1F



# Inverse Universe

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



D7154B



FF0047



D73F15



6B6063



AB0030

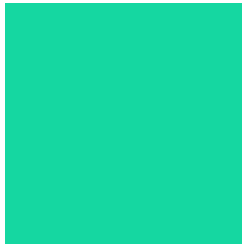


2B000C



# Previews

## White Background



This preview shows how the Hex color 15D7A1 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 15D7A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

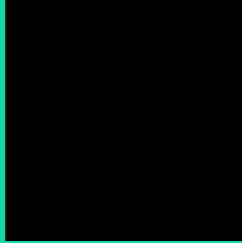
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 15D7A1 Background



This preview shows how black text looks on a background with the Hex color 15D7A1.

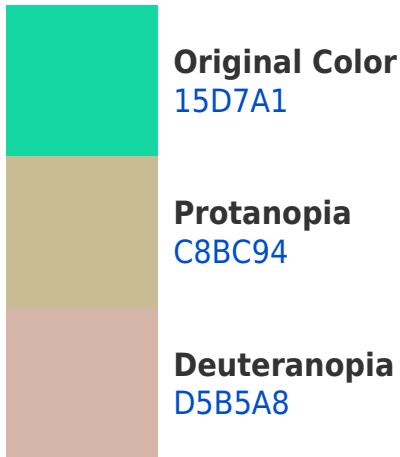


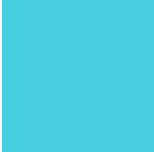
This preview shows how white text looks on a background with the Hex color 15D7A1.

# 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**  
47CFE0

# Trichromacy



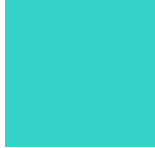
**Original Color**  
15D7A1



**Protanomaly**  
87C699



**Deuteranomaly**  
8FC1A5



**Tritanomaly**  
35D2C9

# Monochromacy



**Original Color**  
15D7A1



**Achromatopsia**  
979797



**Achromatomaly**  
68AE9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D7A1 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 #15D7A1 looks like.

```
.text, #text, p{  
    color:#15D7A1  
}
```

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 #15D7A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D7A1
}
```

## Border

The CSS property to change the border of an element to Hex 15D7A1 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
#15D7A1 }
```

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

```
.border{ border-color:#15D7A1 }
```

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

Here you see how a box with a 4 pixel #15D7A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D7A1; -webkit-box-shadow:4px 4px  
4px 4px #15D7A1; box-shadow:4px 4px 4px  
4px #15D7A1 }
```

# Background

The CSS property to change the background color of an element to Hex 15D7A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D7A1 }
```

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

```
.background{ background-color:#15D7A1 }
```

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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