

# Converting Colors

Hex(15B5A5)

Have a look what the booklet for  
Hex(15B5A5) contains.

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**Color**

**Hex(15B5A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15B5A5
RGB	21, 181, 165
RGB Percent	8%, 71%, 65%
CMY	0.9176, 0.2902, 0.3529
CMYK	0.88, 0.00, 0.09, 0.29
HSL	174°, 79%, 40%
HSV	174°, 88%, 71%
XYZ	23.6247, 35.9238, 41.2861
YIQ	131.3360, -90.2240, -38.8960

# Conversions

## Conversions Part 2

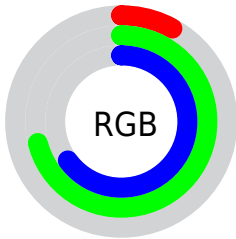
Format	Color
<a href="#">RYB</a>	<a href="#">21, 105, 181</a>
Decimal	<a href="#">1422757</a>
CIELab	<a href="#">66.46, -41.06, -2.58</a>
CIElCh	<a href="#">66, 41.146, 183.600</a>
Yxy	<a href="#">35.9238, 0.2343, 0.3563</a>
Android (android.graphics.Color)	<a href="#">4279612837 (0xFF15B5A5)</a>
YUV	<a href="#">131.3360, 16.5964, -96.7647</a>
Hunter-Lab	<a href="#">59.9365, -34.5309, 1.1147</a>

# Details

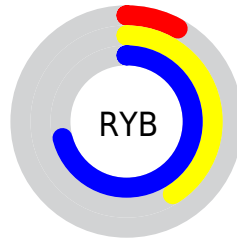
The Hex color **15B5A5** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B51525**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **66EEDC**, and **007F71** is the 20% darker color. If you saturate the color by 10%, you get **03B5A3**, and if you desaturate by 10%, it is **27B5A7**.

# Distribution



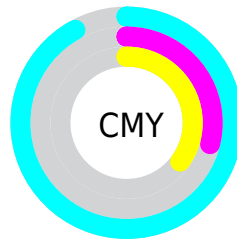
- Red (8%)
- Green (71%)
- Blue (65%)



- Red (8%)
- Yellow (41%)
- Blue (71%)



- Cyan (88%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (92%)
- Magenta (29%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15B5A5 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 15B5A5 by changing the saturation by 10% instead.



 15B5A5

 15B5A5

FFFFFF

 009A8B

 66EEDC

 007F71

 86FFF8

 006559

 A4FFFF

 004D42

 C2FFFF

 00352C

 E1FFFF

 001F17

 000000

 15B5A5

 15B5A5

 03B5A3

 27B5A7

■ 00B5A3

■ 39B5A9

■ 4BB5AA

■ 5DB5AC

■ 70B5AE

■ 82B5B0

■ 94B5B2

■ A6B5B3

■ B8B5B5

# Harmonies

## Analogous

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



5FB27F



15B5A5



00B4C9

# Triad

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



15B5A5



AB96DF



D39460

# Complementary

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



15B5A5



B51525

# 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.



E6887B



15B5A5



D48AC3

# Square

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



15B5A5



70A4EB



E7849F



B5A156

# Rectangle

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



15B5A5



00B1DC



E7849F



DB9067



# Sweetspot

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



15B5A5



ABEBE4



25B515



507572



F5F5F5



757575



# Same Dimension

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



15B5A5



00EBD3



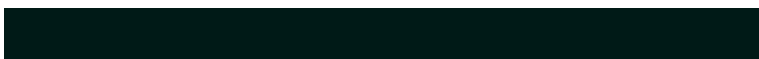
1575B5



505958



00998A



001A17



# Inverse Universe

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



B51525



EB0017



B55515



595051



99000F

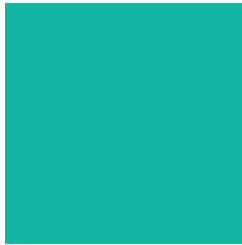


1A0003



# Previews

## White Background



This preview shows how the Hex color 15B5A5 looks on a white background.

## Color Contrast Check

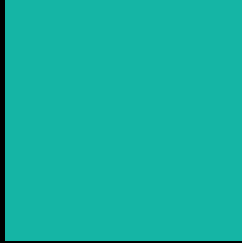
Large Text (above 18pt) WCAG AA × Fail

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 15B5A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

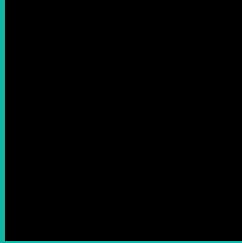
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 15B5A5 Background



This preview shows how black text looks on a background with the Hex color 15B5A5.

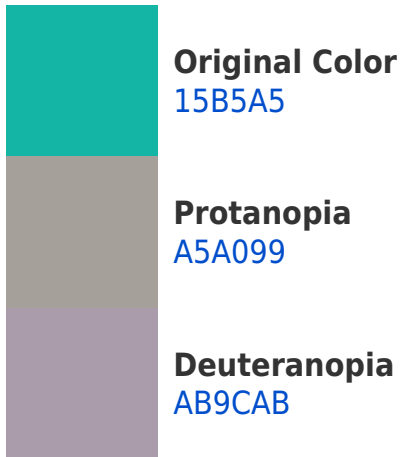


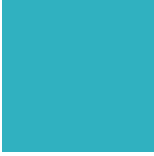
This preview shows how white text looks on a background with the Hex color 15B5A5.

# 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**  
30B1C0

# Trichromacy



**Original Color**  
15B5A5



**Protanomaly**  
71A89D



**Deuteranomaly**  
74A5A9



**Tritanomaly**  
26B2B6

# Monochromacy



**Original Color**  
15B5A5



**Achromatopsia**  
838383



**Achromatomaly**  
5B958F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15B5A5 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 #15B5A5 looks like.

```
.text, #text, p{  
    color:#15B5A5  
}
```

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 #15B5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B5A5
}
```

## Border

The CSS property to change the border of an element to Hex 15B5A5 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
#15B5A5 }
```

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

```
.border{ border-color:#15B5A5 }
```

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

Here you see how a box with a 4 pixel #15B5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B5A5; -webkit-box-shadow:4px 4px  
4px 4px #15B5A5; box-shadow:4px 4px 4px  
4px #15B5A5 }
```

# Background

The CSS property to change the background color of an element to Hex 15B5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B5A5 }
```

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

```
.background{ background-color:#15B5A5 }
```

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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