

# Converting Colors

Hex(15D7D7)

Have a look what the booklet for  
Hex(15D7D7) contains.

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# Color

Hex(15D7D7)

# Conversions

## Conversions Part 1

Format	Color
Hex	15D7D7
RGB	21, 215, 215
RGB Percent	8%, 84%, 84%
CMY	0.9176, 0.1569, 0.1569
CMYK	0.90, 0.00, 0.00, 0.16
HSL	180°, 82%, 46%
HSV	180°, 90%, 84%
XYZ	36.8754, 53.6666, 72.7051
YIQ	156.9940, -115.6240, -41.1280

# Conversions

## Conversions Part 2

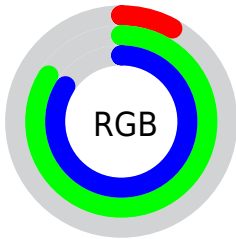
Format	Color
R <sub>Y</sub> B	21, 118, 215
Decimal	1431511
CIE Lab	78.27, -41.65, -12.28
CIE LCh	78, 43.423, 196.428
Yxy	53.6666, 0.2259, 0.3287
Android (android.graphics.Color)	4279621591 (0xFF15D7D7)
YUV	156.9940, 28.5970, -119.2667
Hunter-Lab	73.2575, -38.3495, -7.5627

# Details

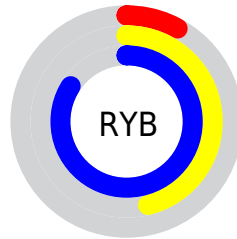
The Hex color **15D7D7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D71515**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FFFF**, and **009FA0** is the 20% darker color. If you saturate the color by 10%, you get **00D7D7**, and if you desaturate by 10%, it is **2BD7D7**.

# Distribution



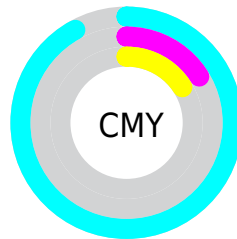
- Red (8%)
- Green (84%)
- Blue (84%)



- Red (8%)
- Yellow (46%)
- Blue (84%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D7D7 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 15D7D7 by changing the saturation by 10% instead.



 15D7D7

 15D7D7

FFFFFF

 00BBBB

 72FFFF

 009FA0

 93FFFF

 008586

 B3FFFF

 006B6D

 D3FFFF

 005255

 F2FFFF

 003A3E

 002528

 000114

 000000

 15D7D7

 15D7D7

 00D7D7

 2BD7D7

 40D7D7

 56D7D7

 6BD7D7

 81D7D7

 96D7D7

 ACD7D7

 C1D7D7

 D7D7D7

# Harmonies

## Analogous

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



63D6AD



15D7D7



00D4FB

# Triad

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



15D7D7



E2AFF9



ECB973

# Complementary

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



15D7D7



D71515

# 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.



FFAB89



15D7D7



FFA4D6

# Square

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



15D7D7



ABBEFF



FFA2AD



C6C673

# Rectangle

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



15D7D7



47CEFF



FFA2AD



F6B478

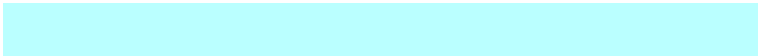


# Sweetspot

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



15D7D7



BAFFFF



15D715



578080



000000



808080



# Same Dimension

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



15D7D7



00FFFF



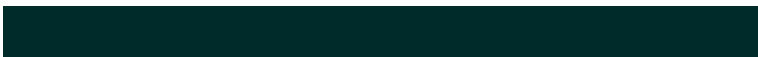
1576D7



606B6B



00ABAB



002B2B



# Inverse Universe

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



D715D7



FF00FF



D77615



6B606B



AB00AB

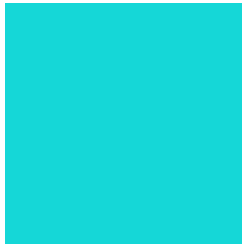


2B002B



# Previews

## White Background



This preview shows how the Hex color 15D7D7 looks on a white background.

## Color Contrast Check

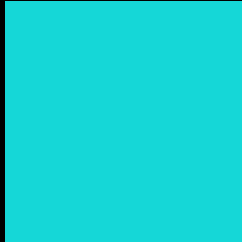
Large Text (above 18pt) WCAG AA × Fail

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 15D7D7 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

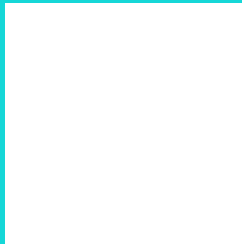
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15D7D7 Background



This preview shows how black text looks on a background with the Hex color 15D7D7.

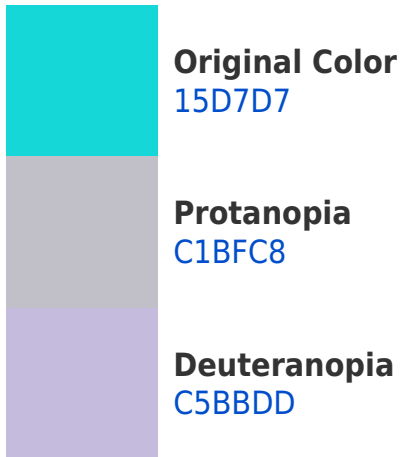


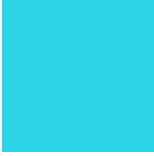
This preview shows how white text looks on a background with the Hex color 15D7D7.

# 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**  
2BD5E6

# Trichromacy



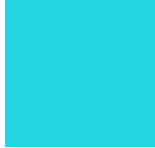
**Original Color**  
15D7D7



**Protanomaly**  
82C8CD

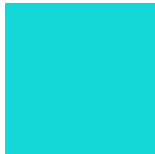


**Deuteranomaly**  
85C5DB

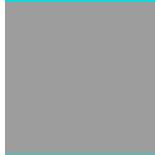


**Tritanomaly**  
23D6E1

# Monochromacy



**Original Color**  
15D7D7



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
6CB2B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D7D7 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 #15D7D7 looks like.

```
.text, #text, p{  
    color:#15D7D7  
}
```

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 #15D7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D7D7
}
```

## Border

The CSS property to change the border of an element to Hex 15D7D7 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
#15D7D7 }
```

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

```
.border{ border-color:#15D7D7 }
```

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

Here you see how a box with a 4 pixel #15D7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D7D7; -webkit-box-shadow:4px 4px  
4px 4px #15D7D7; box-shadow:4px 4px 4px  
4px #15D7D7 }
```

# Background

The CSS property to change the background color of an element to Hex 15D7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D7D7 }
```

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

```
.background{ background-color:#15D7D7 }
```

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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