

Converting Colors

Hex(15D8D8)

Have a look what the booklet for
Hex(15D8D8) contains.

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Color

Hex(15D8D8)

Conversions

Conversions Part 1

Format	Color
Hex	15D8D8
RGB	21, 216, 216
RGB Percent	8%, 85%, 85%
CMY	0.9176, 0.1529, 0.1529
CMYK	0.90, 0.00, 0.00, 0.15
HSL	180°, 82%, 46%
HSV	180°, 90%, 85%
XYZ	37.2598, 54.2290, 73.4692
YIQ	157.6950, -116.2200, -41.3400

Conversions

Conversions Part 2

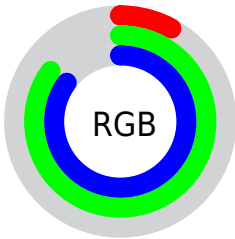
Format	Color
RYB	21, 119, 216
Decimal	1431768
CIELab	78.60, -41.80, -12.32
CIELCh	79, 43.581, 196.427
Yxy	54.2290, 0.2259, 0.3287
Android (android.graphics.Color)	4279621848 (0xFF15D8D8)
YUV	157.6950, 28.7444, -119.8815
Hunter-Lab	73.6404, -38.5550, -7.6039

Details

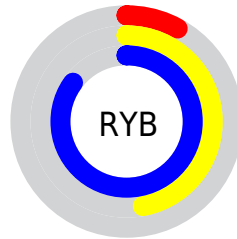
The Hex color **15D8D8** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D81515**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **72FFFF**, and **00A0A1** is the 20% darker color. If you saturate the color by 10%, you get **00D8D8**, and if you desaturate by 10%, it is **2BD8D8**.

Distribution



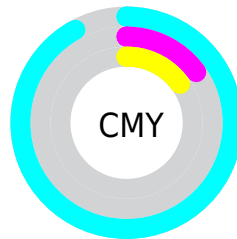
- Red (8%)
- Green (85%)
- Blue (85%)



- Red (8%)
- Yellow (47%)
- Blue (85%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (92%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15D8D8 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 15D8D8 by changing the saturation by 10% instead.

15D8D8

15D8D8

FFFFFF

00BCBC

72FFFF

00A0A1

93FFFF

008687

B3FFFF

006C6E

D3FFFF

005356

F3FFFF

003A3E

002528

000115

000000

 15D8D8

 15D8D8

 00D8D8

 2BD8D8

 40D8D8

 56D8D8

 6BD8D8

 81D8D8

 97D8D8

 ACD8D8

 C2D8D8

 D7D8D8

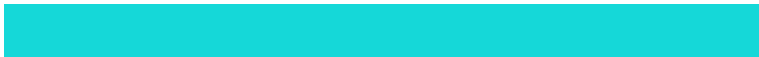
Harmonies

Analogous

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



63D7AE



15D8D8



00D5FC

Triad

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



15D8D8



E3B0FB



EDBA74

Complementary

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



15D8D8



D81515

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.



FFAC8A



15D8D8



FFA5D7

Square

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



15D8D8



ABBFFF



FFA3AE



C7C773

Rectangle

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



15D8D8



47CFFF



FFA3AE



F7B579

Sweetspot

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



15D8D8



BAFFFF



15D815



578080



000000



808080

Same Dimension

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



15D8D8



00FFFF



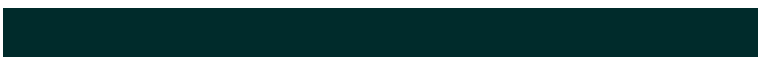
1577D8



606B6B



00ABAB



002B2B

Inverse Universe

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



D815D8



FF00FF



D87715



6B606B



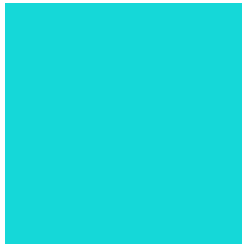
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 15D8D8 looks on a white background.

Color Contrast Check

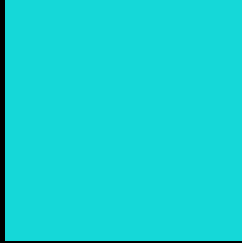
Large Text (above 18pt) WCAG AA × Fail

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 15D8D8 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

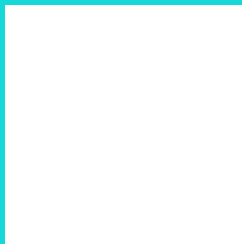
Any Text WCAG AAA ✓ Pass

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

Hex 15D8D8 Background



This preview shows how black text looks on a background with the Hex color 15D8D8.

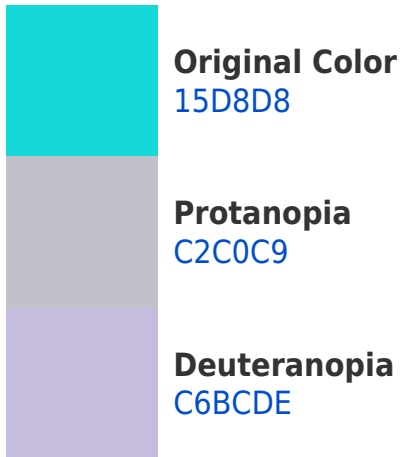


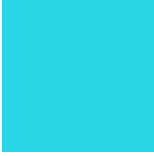
This preview shows how white text looks on a background with the Hex color 15D8D8.

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
2BD6E7

Trichromacy



Original Color
15D8D8



Protanomaly
83C9CE



Deuteranomaly
86C6DC

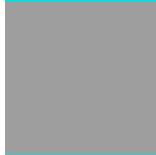


Tritanomaly
23D7E2

Monochromacy



Original Color
15D8D8



Achromatopsia
9E9E9E



Achromatomaly
6CB3B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D8D8 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 #15D8D8 looks like.

```
.text, #text, p{  
    color:#15D8D8  
}
```

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 #15D8D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D8D8
}
```

Border

The CSS property to change the border of an element to Hex 15D8D8 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
#15D8D8 }
```

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

```
.border{ border-color:#15D8D8 }
```

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

Here you see how a box with a 4 pixel #15D8D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D8D8; -webkit-box-shadow:4px 4px  
4px 4px #15D8D8; box-shadow:4px 4px 4px  
4px #15D8D8 }
```

Background

The CSS property to change the background color of an element to Hex 15D8D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D8D8 }
```

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

```
.background{ background-color:#15D8D8 }
```

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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