

Converting Colors

Hex(15D5D5)

Have a look what the booklet for
Hex(15D5D5) contains.

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Color

Hex(15D5D5)

Conversions

Conversions Part 1

Format	Color
Hex	15D5D5
RGB	21, 213, 213
RGB Percent	8%, 84%, 84%
CMY	0.9176, 0.1647, 0.1647
CMYK	0.90, 0.00, 0.00, 0.16
HSL	180°, 82%, 46%
HSV	180°, 90%, 84%
XYZ	36.1138, 52.5520, 71.1910
YIQ	155.5920, -114.4320, -40.7040

Conversions

Conversions Part 2

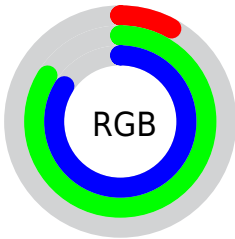
Format	Color
R _Y B	21, 117, 213
Decimal	1430997
CIE Lab	77.61, -41.35, -12.19
CIE LCh	78, 43.106, 196.429
Yxy	52.5520, 0.2259, 0.3287
Android (android.graphics.Color)	4279621077 (0xFF15D5D5)
YUV	155.5920, 28.3021, -118.0372
Hunter-Lab	72.4928, -37.9390, -7.4803

Details

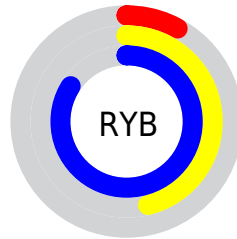
The Hex color **15D5D5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D51515**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **71FFFF**, and **009E9E** is the 20% darker color. If you saturate the color by 10%, you get **00D5D5**, and if you desaturate by 10%, it is **2AD5D5**.

Distribution



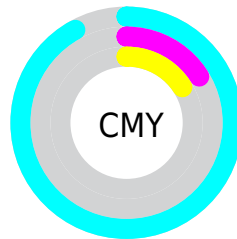
- Red (8%)
- Green (84%)
- Blue (84%)



- 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 15D5D5 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 15D5D5 by changing the saturation by 10% instead.

 15D5D5

 15D5D5

FFFFFF

 00B9B9

 71FFFF

 009E9E

 92FFFF

 008384

 B2FFFF

 00696B

 D2FFFF

 005053

 F1FFFF

 00383C

 002326

 000112

 000000

■ 15D5D5

■ 15D5D5

■ 00D5D5

■ 2AD5D5

■ 40D5D5

■ 55D5D5

■ 6AD5D5

■ 80D5D5

■ 95D5D5

■ AAD5D5

■ BFD5D5

■ D5D5D5

Harmonies

Analogous

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



62D4AC



15D5D5



00D2F9

Triad

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



15D5D5



E0ADF7



EAB772

Complementary

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



15D5D5



D51515

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.



FFA988



15D5D5



FFA2D4

Square

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



15D5D5



A9BCFF



FFA1AB



C4C472

Rectangle

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



15D5D5



46CCFF



FFA1AB



F4B277

Sweetspot

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



15D5D5



BAFFFF



15D515



578080



000000



808080

Same Dimension

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



15D5D5



00FFFF



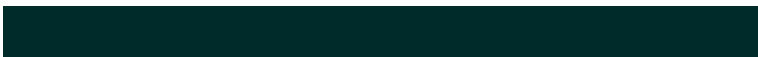
1575D5



606B6B



00ABAB



002B2B

Inverse Universe

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



D515D5



FF00FF



D57515



6B606B



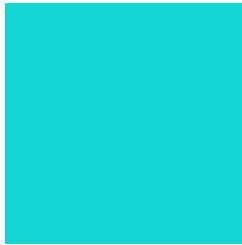
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 15D5D5 looks on a white background.

Color Contrast Check

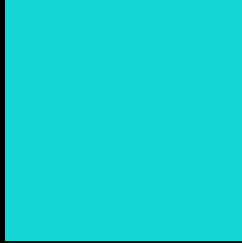
Large Text (above 18pt) WCAG AA × Fail

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 15D5D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

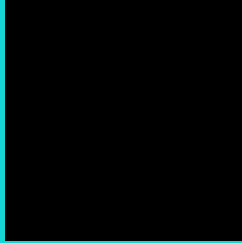
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

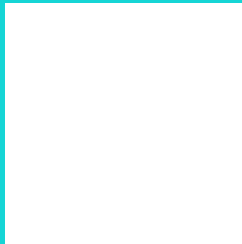
Any Text WCAG AAA ✓ Pass

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

Hex 15D5D5 Background



This preview shows how black text looks on a background with the Hex color 15D5D5.

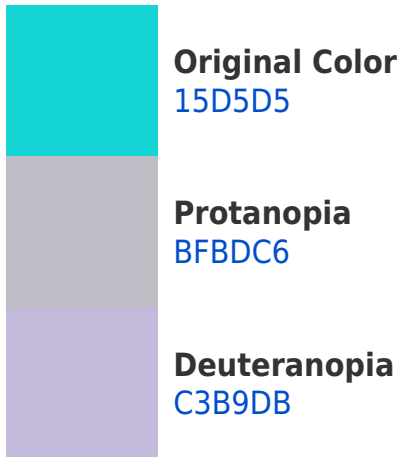


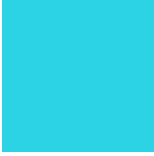
This preview shows how white text looks on a background with the Hex color 15D5D5.

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](#).

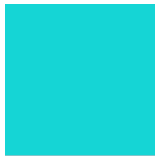
Dichromacy





Tritanopia
2BD3E4

Trichromacy



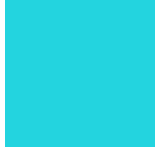
Original Color
15D5D5



Protanomaly
81C6CB



Deuteranomaly
84C3D9



Tritanomaly
23D4DF

Monochromacy



Original Color
15D5D5



Achromatopsia
9C9C9C



Achromatomaly
6BB1B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D5D5 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 #15D5D5 looks like.

```
.text, #text, p{  
    color:#15D5D5  
}
```

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 #15D5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D5D5
}
```

Border

The CSS property to change the border of an element to Hex 15D5D5 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
#15D5D5 }
```

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

```
.border{ border-color:#15D5D5 }
```

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

Here you see how a box with a 4 pixel #15D5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D5D5; -webkit-box-shadow:4px 4px  
4px 4px #15D5D5; box-shadow:4px 4px 4px  
4px #15D5D5 }
```

Background

The CSS property to change the background color of an element to Hex 15D5D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D5D5 }
```

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

```
.background{ background-color:#15D5D5 }
```

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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