

Converting Colors

Hex(17D6D5)

Have a look what the booklet for
Hex(17D6D5) contains.

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Color

Hex(17D6D5)

Conversions

Conversions Part 1

Format	Color
Hex	17D6D5
RGB	23, 214, 213
RGB Percent	9%, 84%, 84%
CMY	0.9098, 0.1608, 0.1647
CMYK	0.89, 0.00, 0.00, 0.16
HSL	180°, 81%, 46%
HSV	180°, 89%, 84%
XYZ	36.4102, 53.0794, 71.2771
YIQ	156.7770, -113.5150, -40.8030

Conversions

Conversions Part 2

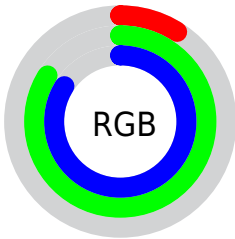
Format	Color
RYB	23, 119, 214
Decimal	1562325
CIELab	77.92, -41.70, -11.72
CIELCh	78, 43.320, 195.701
Yxy	53.0794, 0.2265, 0.3302
Android (android.graphics.Color)	4279752405 (0xFF17D6D5)
YUV	156.7770, 27.7179, -117.3224
Hunter-Lab	72.8556, -38.2905, -7.0065

Details

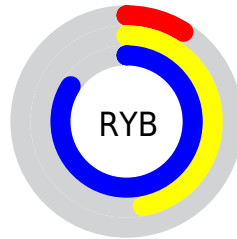
The Hex color **17D6D5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D61718**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FFFF**, and **009E9E** is the 20% darker color. If you saturate the color by 10%, you get **02D6D5**, and if you desaturate by 10%, it is **2CD6D5**.

Distribution



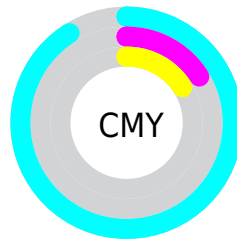
- Red (9%)
- Green (84%)
- Blue (84%)



- Red (9%)
- Yellow (47%)
- Blue (84%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17D6D5 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 17D6D5 by changing the saturation by 10% instead.

17D6D5

17D6D5

FFFFFF

00BAB9

72FFFF

009E9E

93FFFF

008484

B3FFFF

006A6B

D2FFFF

005153

F2FFFF

00393C

002426

000112

000000

■ 17D6D5

■ 17D6D5

■ 02D6D5

■ 2CD6D5

■ 00D6D5

■ 42D6D5

■ 57D6D5

■ 6DD6D5

■ 82D6D6

■ 97D6D6

■ ADD6D6

■ C2D6D6

■ D8D6D6

Harmonies

Analogous

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



64D5AB



17D6D5



00D3F9

Triad

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



17D6D5



E0AEF9



ECB873

Complementary

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



17D6D5



D61718

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.



FFAA89



17D6D5



FFA3D6

Square

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



17D6D5



A8BDFE



FFA1AD



C6C572

Rectangle

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



17D6D5



44CEFF



FFA1AD



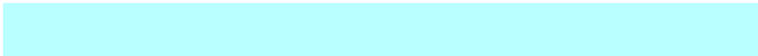
F6B378

Sweetspot

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



17D6D5



BAFFFF



1AD617



57807F



000000



808080

Same Dimension

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



17D6D5



00FFFE



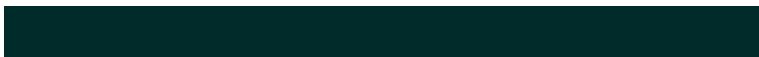
177AD6



606B6B



00ABAA



002B2B

Inverse Universe

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



D61718



FF0001



D67317



6B6060



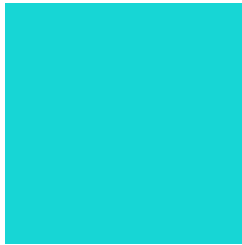
AB0001



2B0000

Previews

White Background



This preview shows how the Hex color 17D6D5 looks on a white background.

Color Contrast Check

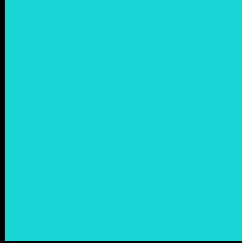
Large Text (above 18pt) WCAG AA × Fail

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 17D6D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

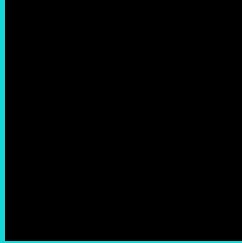
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

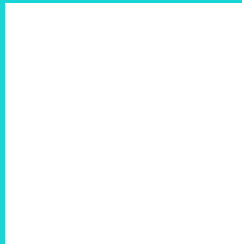
Any Text WCAG AAA ✓ Pass

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

Hex 17D6D5 Background



This preview shows how black text looks on a background with the Hex color 17D6D5.

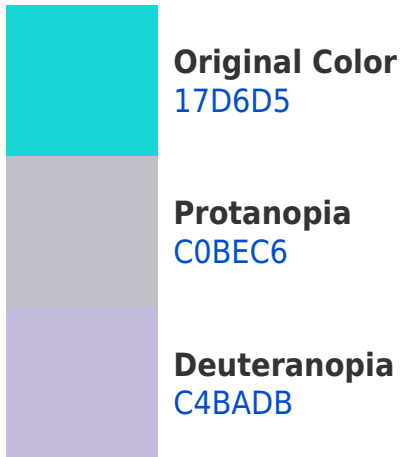


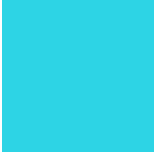
This preview shows how white text looks on a background with the Hex color 17D6D5.

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



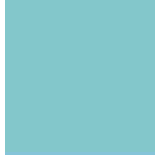


Tritanopia
2DD4E5

Trichromacy



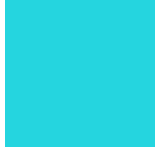
Original Color
17D6D5



Protanomaly
83C7CB



Deuteranomaly
85C4D9

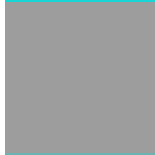


Tritanomaly
25D5DF

Monochromacy



Original Color
17D6D5



Achromatopsia
9D9D9D



Achromatomaly
6CB2B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 17D6D5 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 #17D6D5 looks like.

```
.text, #text, p{  
    color:#17D6D5  
}
```

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 #17D6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17D6D5
}
```

Border

The CSS property to change the border of an element to Hex 17D6D5 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
#17D6D5 }
```

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

```
.border{ border-color:#17D6D5 }
```

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

Here you see how a box with a 4 pixel #17D6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17D6D5; -webkit-box-shadow:4px 4px  
4px 4px #17D6D5; box-shadow:4px 4px 4px  
4px #17D6D5 }
```

Background

The CSS property to change the background color of an element to Hex 17D6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17D6D5 }
```

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

```
.background{ background-color:#17D6D5 }
```

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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