

Converting Colors

Hex(19D5CD)

Have a look what the booklet for
Hex(19D5CD) contains.

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Color

Hex(19D5CD)

Conversions

Conversions Part 1

Format	Color
Hex	19D5CD
RGB	25, 213, 205
RGB Percent	10%, 84%, 80%
CMY	0.9020, 0.1647, 0.1961
CMYK	0.88, 0.00, 0.04, 0.16
HSL	177°, 79%, 47%
HSV	177°, 88%, 84%
XYZ	35.2146, 52.2030, 65.9778
YIQ	155.8760, -109.4800, -42.3440

Conversions

Conversions Part 2

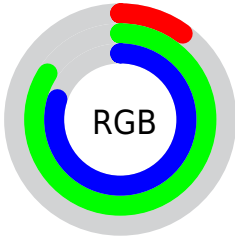
Format	Color
RYB	25, 121, 213
Decimal	1693133
CIELab	77.40, -43.48, -8.20
CIELCh	77, 44.249, 190.685
Yxy	52.2030, 0.2296, 0.3403
Android (android.graphics.Color)	4279883213 (0xFF19D5CD)
YUV	155.8760, 24.2181, -114.7783
Hunter-Lab	72.2516, -39.4415, -3.5655

Details

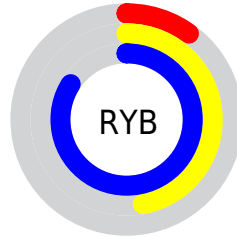
The Hex color **19D5CD** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D51921**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **71FFFF**, and **009D97** is the 20% darker color. If you saturate the color by 10%, you get **04D5CC**, and if you desaturate by 10%, it is **2ED5CE**.

Distribution



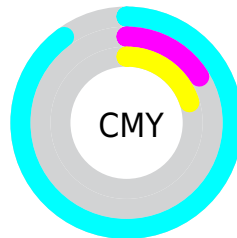
- Red (10%)
- Green (84%)
- Blue (80%)



- Red (10%)
- Yellow (47%)
- Blue (84%)



- Cyan (88%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (90%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19D5CD 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 19D5CD by changing the saturation by 10% instead.

 19D5CD

 19D5CD

FFFFFF

 00B9B2

 71FFFF

 009D97

 92FFFF

 00837D

 B2FFFF

 006964

 D1FFFF

 00504C

 F1FFFF

 003836

 002220

 000009

 000000

■ 19D5CD

■ 19D5CD

■ 04D5CC

■ 2ED5CE

■ 00D5CC

■ 44D5CF

■ 59D5D0

■ 6ED5D1

■ 84D5D2

■ 99D5D2

■ AED5D3

■ C3D5D4

■ D9D5D5

Harmonies

Analogous

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



69D3A3



19D5CD



00D2F3

Triad

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



19D5CD



D7AFFE



F0B472

Complementary

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



19D5CD



D51921

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.



FFA68C



19D5CD



FEA2DB

Square

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



19D5CD



9ABEFF



FF9FB2



CBC26D

Rectangle

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



19D5CD



26CEFF



FF9FB2



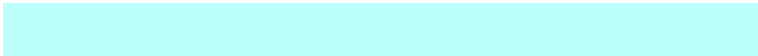
FAAF79

Sweetspot

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



19D5CD



BDFFFC



22D519



58807E



000000



808080

Same Dimension

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



19D5CD



00FFF4



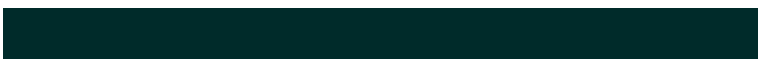
1980D5



606B6B



00ABA4



002B2A

Inverse Universe

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



D51921



FF000B



D56E19



6B6061



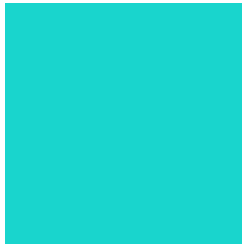
AB0007



2B0002

Previews

White Background



This preview shows how the Hex color 19D5CD looks on a white background.

Color Contrast Check

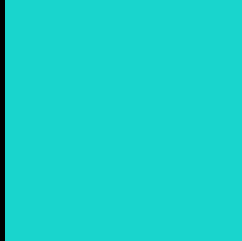
Large Text (above 18pt) WCAG AA × Fail

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 19D5CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

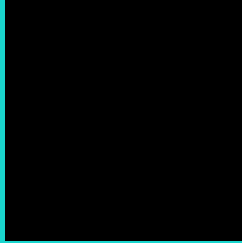
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

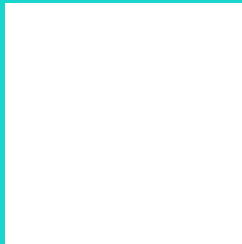
Any Text WCAG AAA ✓ Pass

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

Hex 19D5CD Background



This preview shows how black text looks on a background with the Hex color 19D5CD.

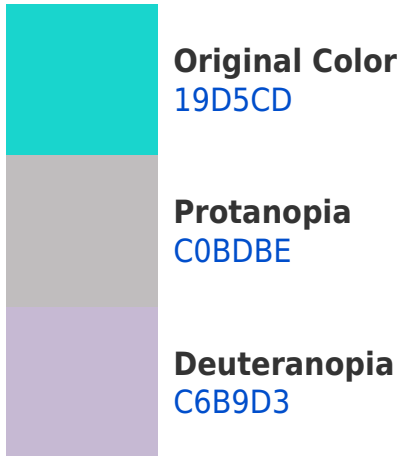


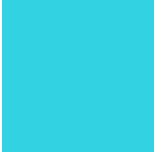
This preview shows how white text looks on a background with the Hex color 19D5CD.

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
33D2E3

Trichromacy



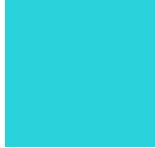
Original Color
19D5CD



Protanomaly
83C6C3



Deuteranomaly
87C3D1



Tritanomaly
2AD3DB

Monochromacy



Original Color
19D5CD



Achromatopsia
9C9C9C



Achromatomaly
6CB1AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 19D5CD 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 #19D5CD looks like.

```
.text, #text, p{  
    color:#19D5CD  
}
```

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 #19D5CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19D5CD
}
```

Border

The CSS property to change the border of an element to Hex 19D5CD 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
#19D5CD }
```

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

```
.border{ border-color:#19D5CD }
```

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

Here you see how a box with a 4 pixel #19D5CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19D5CD; -webkit-box-shadow:4px 4px  
4px 4px #19D5CD; box-shadow:4px 4px 4px  
4px #19D5CD }
```

Background

The CSS property to change the background color of an element to Hex 19D5CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19D5CD }
```

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

```
.background{ background-color:#19D5CD }
```

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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