

Converting Colors

Hex(19D393)

Have a look what the booklet for
Hex(19D393) contains.

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Color

Hex(19D393)

Conversions

Conversions Part 1

Format	Color
Hex	19D393
RGB	25, 211, 147
RGB Percent	10%, 83%, 58%
CMY	0.9020, 0.1725, 0.4235
CMYK	0.88, 0.00, 0.30, 0.17
HSL	159°, 79%, 46%
HSV	159°, 88%, 83%
XYZ	28.9616, 48.9018, 35.5163
YIQ	148.0900, -90.3120, -59.3360

Conversions

Conversions Part 2

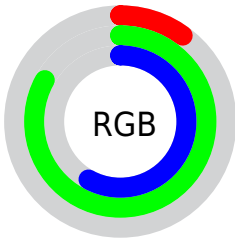
Format	Color
RYB	25, 137, 211
Decimal	1692563
CIELab	75.39, -57.46, 19.90
CIELCh	75, 60.811, 160.903
Yxy	48.9018, 0.2554, 0.4313
Android (android.graphics.Color)	4279882643 (0xFF19D393)
YUV	148.0900, -0.5374, -107.9499
Hunter-Lab	69.9298, -48.4509, 18.8384

Details

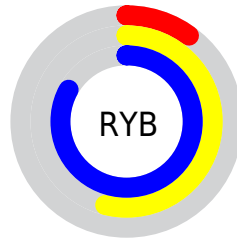
The Hex color **19D393** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D31959**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6DFFC9**, and **009B60** is the 20% darker color. If you saturate the color by 10%, you get **04D38C**, and if you desaturate by 10%, it is **2ED39A**.

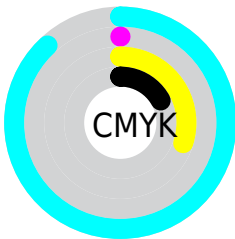
Distribution



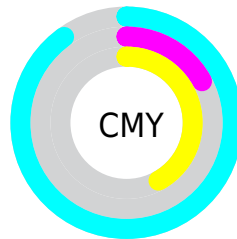
- Red (10%)
- Green (83%)
- Blue (58%)



- Red (10%)
- Yellow (54%)
- Blue (83%)



- Cyan (88%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (90%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19D393 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 19D393 by changing the saturation by 10% instead.

 19D393

 19D393

FFFFFF

 00B779

 6DFFC9

 009B60

 8DFFE5

 008048

 ACFFFF

 006631

 CBFFFF

 004C1B

 EAFFFF

 003503

 001B00

 000000

 19D393

 19D393

■ 04D38C

■ 2ED39A

■ 00D38A

■ 43D3A2

■ 58D3A9

■ 6DD3B0

■ 83D3B7

■ 98D3BF

■ ADD3C6

■ C2D3CD

■ D7D3D4

Harmonies

Analogous

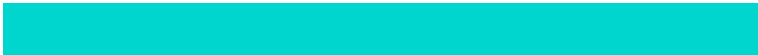
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88CB61



19D393



00D6CD

Triad

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



19D393



7AB9FF



FF9573

Complementary

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



19D393



D31959

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.



FF88A7



19D393



D8A2FF

Square

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



19D393



00CAFF



FF8EE0



F7AA4D

Rectangle

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



19D393



00D4F2



FF8EE0



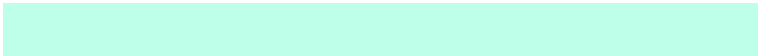
FF8F83

Sweetspot

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



19D393



BDFFE8



5AD319



588072



000000



808080

Same Dimension

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



19D393



00FFA7



19B7D3



5E6965



00A86E



00291B

Inverse Universe

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



D31959



FF0058



D33519



695E62



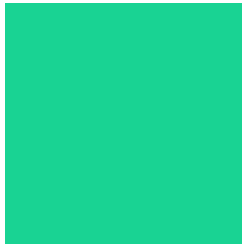
A8003A



29000E

Previews

White Background



This preview shows how the Hex color 19D393 looks on a white background.

Color Contrast Check

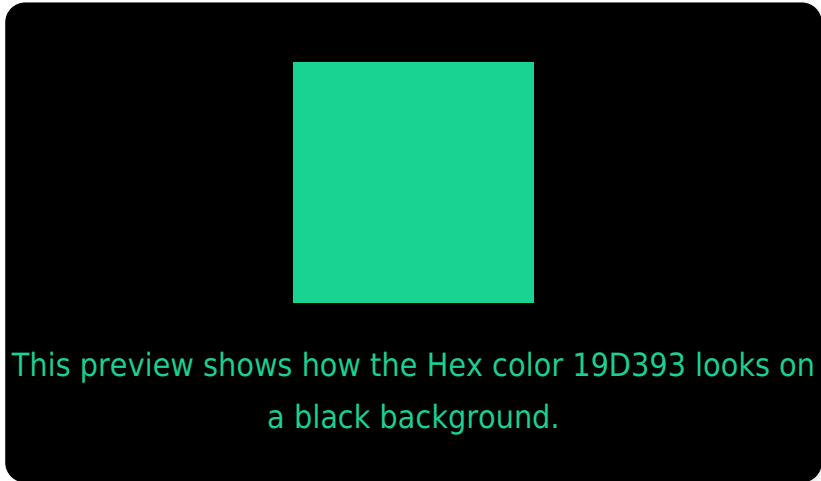
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

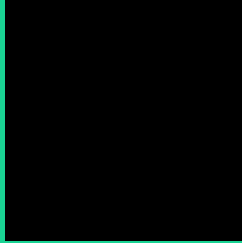
Any Text WCAG AA ✓ Pass

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 19D393 Background



This preview shows how black text looks on a background with the Hex color 19D393.

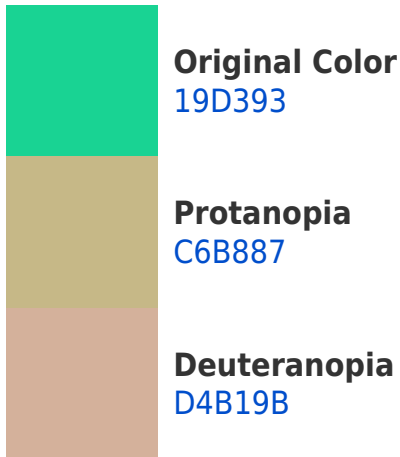


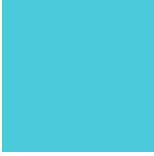
This preview shows how white text looks on a background with the Hex color 19D393.

Color Blindness Simulation

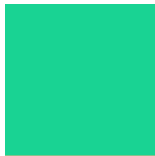
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



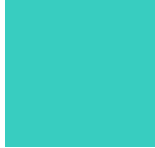
Original Color
19D393



Protanomaly
87C28B



Deuteranomaly
90BD98



Tritanomaly
38CDC0

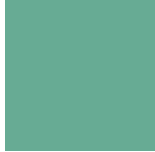
Monochromacy



Original Color
19D393



Achromatopsia
949494



Achromatomaly
67AB94

CSS Examples

Text

The CSS property to change the color of the text to Hex 19D393 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 #19D393 looks like.

```
.text, #text, p{  
    color:#19D393  
}
```

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 #19D393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19D393
}
```

Border

The CSS property to change the border of an element to Hex 19D393 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
#19D393 }
```

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

```
.border{ border-color:#19D393 }
```

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

Here you see how a box with a 4 pixel #19D393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19D393; -webkit-box-shadow:4px 4px  
4px 4px #19D393; box-shadow:4px 4px 4px  
4px #19D393 }
```

Background

The CSS property to change the background color of an element to Hex 19D393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19D393 }
```

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

```
.background{ background-color:#19D393 }
```

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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