

# Converting Colors

Hex(19D68F)

Have a look what the booklet for  
Hex(19D68F) contains.

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# Color

Hex(19D68F)

# Conversions

## Conversions Part 1

Format	Color
Hex	19D68F
RGB	25, 214, 143
RGB Percent	10%, 84%, 56%
CMY	0.9020, 0.1608, 0.4392
CMYK	0.88, 0.00, 0.33, 0.16
HSL	157°, 79%, 47%
HSV	157°, 88%, 84%
XYZ	29.4054, 50.2830, 34.1424
YIQ	149.3950, -89.8530, -62.1490

# Conversions

## Conversions Part 2

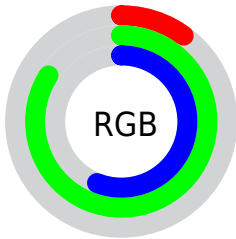
Format	Color
R <sub>Y</sub> B	25, 141, 214
Decimal	1693327
CIE Lab	76.24, -59.43, 23.16
CIE LCh	76, 63.784, 158.706
Yxy	50.2830, 0.2583, 0.4417
Android (android.graphics.Color)	4279883407 (0xFF19D68F)
YUV	149.3950, -3.1527, -109.0944
Hunter-Lab	70.9105, -50.0724, 21.0901

# Details

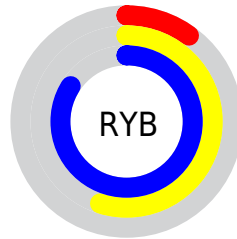
The Hex color **19D68F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D61960**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6EFFC5**, and **009E5C** is the 20% darker color. If you saturate the color by 10%, you get **04D687**, and if you desaturate by 10%, it is **2ED697**.

# Distribution



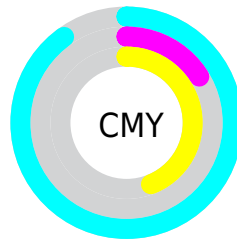
- Red (10%)
- Green (84%)
- Blue (56%)



- Red (10%)
- Yellow (55%)
- Blue (84%)



- Cyan (88%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (90%)
- Magenta (16%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19D68F 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 19D68F by changing the saturation by 10% instead.



 19D68F

 19D68F

FFFFFF

 00BA75

 6EFFC5

 009E5C

 8EFFE1

 008344

 ADFFFE

 00682D

 CCFFFF

 004F17

 EBFFFF

 003700

 001E00

 000000

 19D68F

 19D68F

■ 04D687

■ 2ED697

■ 00D686

■ 44D69F

■ 59D6A7

■ 6FD6AF

■ 84D6B7

■ 99D6BF

■ AFD6C7

■ C4D6CF

■ DAD6D7

# Harmonies

## Analogous

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



8DCD5B



19D68F



00D9CC

# Triad

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



19D68F



6BBDFE



FF9375

# Complementary

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



19D68F



D61960

# 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.



FF87AD



19D68F



D6A5FF

# Square

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



19D68F



00CEFF



FF8FE8



FEAA4B

# Rectangle

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



19D68F



00D8F3



FF8FE8



FF8D87

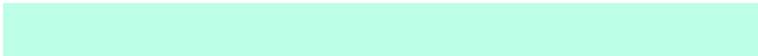


# Sweetspot

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



19D68F



BDFFE6



61D619



588071



000000



808080



# Same Dimension

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



19D68F



00FF9F



19C0D6



606B67



00AB6B



002B1B



# Inverse Universe

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



D61960



FF0060



D62F19



6B6064



AB0040

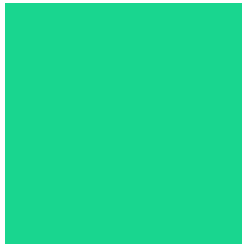


2B0010



# Previews

## White Background



This preview shows how the Hex color 19D68F looks on a white background.

## Color Contrast Check

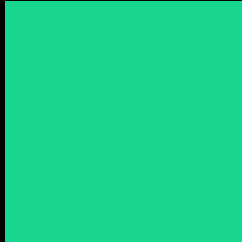
Large Text (above 18pt) WCAG AA × Fail

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 19D68F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

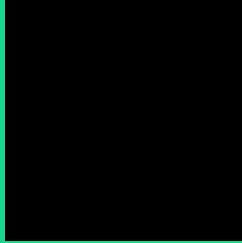
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19D68F Background



This preview shows how black text looks on a background with the Hex color 19D68F.

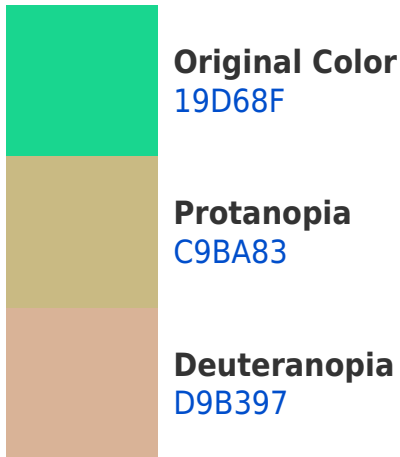


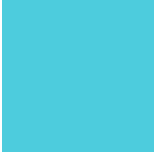
This preview shows how white text looks on a background with the Hex color 19D68F.

# Color Blindness Simulation

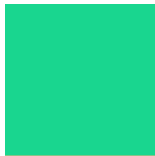
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



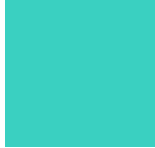
**Original Color**  
19D68F



**Protanomaly**  
89C487



**Deuteranomaly**  
93C094



**Tritanomaly**  
3AD0C1

# Monochromacy



**Original Color**  
19D68F



**Achromatopsia**  
959595



**Achromatomaly**  
68AD93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19D68F 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 #19D68F looks like.

```
.text, #text, p{  
    color:#19D68F  
}
```

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 #19D68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19D68F
}
```

## Border

The CSS property to change the border of an element to Hex 19D68F 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
#19D68F }
```

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

```
.border{ border-color:#19D68F }
```

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

Here you see how a box with a 4 pixel #19D68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19D68F; -webkit-box-shadow:4px 4px  
4px 4px #19D68F; box-shadow:4px 4px 4px  
4px #19D68F }
```

# Background

The CSS property to change the background color of an element to Hex 19D68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19D68F }
```

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

```
.background{ background-color:#19D68F }
```

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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