

Converting Colors

Hex(19B378)

Have a look what the booklet for
Hex(19B378) contains.

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Color

Hex(19B378)

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 19B378 |
| RGB | 25, 179, 120 |
| RGB Percent | 10%, 70%, 47% |
| CMY | 0.9020, 0.2980, 0.5294 |
| CMYK | 0.86, 0.00, 0.33, 0.30 |
| HSL | 157°, 75%, 40% |
| HSV | 157°, 86%, 70% |
| XYZ | 19.9112, 33.8029, 23.2445 |
| YIQ | 126.2280, -72.8450, -50.9970 |

Conversions

Conversions Part 2

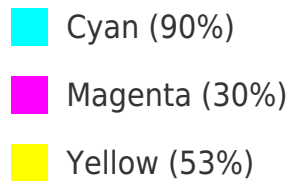
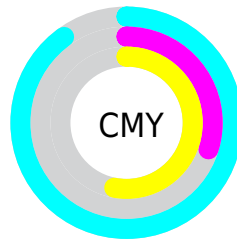
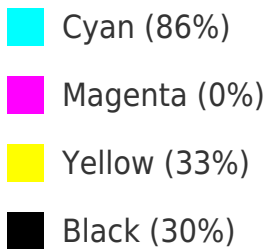
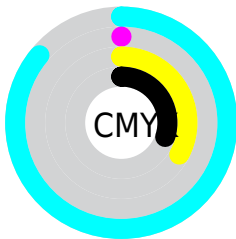
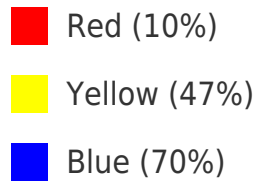
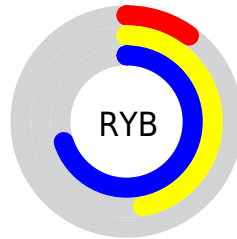
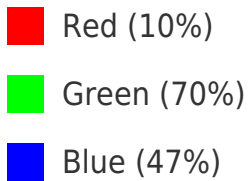
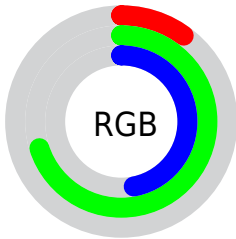
| Format | Color |
|-------------------------------------|---|
| RYB | 25, 120, 179 |
| Decimal | 1684344 |
| CIELab | 64.81, -51.35, 19.79 |
| CIELCh | 65, 55.028, 158.924 |
| Yxy | 33.8029, 0.2587, 0.4392 |
| Android (android.graphics.Color) | 4279874424 (0xFF19B378) |
| YUV | 126.2280, -3.0704, -88.7770 |
| Hunter-Lab | 58.1403, -40.6150, 16.9941 |

Details

The Hex color **19B378** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B31954**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **65ECAD**, and **007D47** is the 20% darker color. If you saturate the color by 10%, you get **07B371**, and if you desaturate by 10%, it is **2BB37F**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 19B378 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 19B378 by changing the saturation by 10% instead.

 19B378

FFFFFF

 65ECAD

 83FFC8

 A1FFE4

 BFFFFFF

 DDFFFF

 FBFFFF

 19B378

 00985F

 007D47

 006330

 004A1A

 003202

 001900

 000000

 19B378

 07B371

 19B378

 2BB37F

 00B36E

 3DB386

 4FB38D

 61B393

 72B39A

 84B3A1

 96B3A8

 A8B3AF

 BAB3B6

Harmonies

Analogous

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



76AC4D



19B378



00B6AB

Triad

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



19B378



5C9EFE



F17B62

Complementary

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



19B378



B31954

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.



F87190



19B378



B38AEA

Square

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



19B378



00ACF9



E578C2



D58E3F

Rectangle

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



19B378



00B5CB



E578C2



F67770

Sweetspot

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



19B378



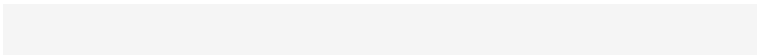
ACE8D1



54B319



517567



F5F5F5



757575

Same Dimension

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



19B378



00E88F



19A1B3



505956



00995E



001A10

Inverse Universe

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



B31954



E80059



B32B19



595054



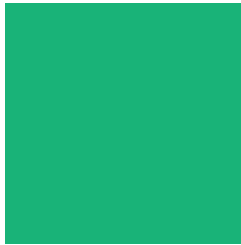
99003B



1A000A

Previews

White Background



This preview shows how the Hex color 19B378 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 19B378 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 19B378 Background



This preview shows how black text looks on a background with the Hex color 19B378.



This preview shows how white text looks on a background with the Hex color 19B378.

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](#).

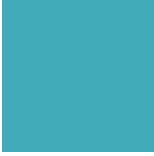
Dichromacy



Original Color
19B378

Protanopia
A89C6E

Deuteranopia
B5967F



Tritanopia
41ABB9

Trichromacy



Original Color

19B378



Protanomaly

74A472



Deuteranomaly

7CA17C



Tritanomaly

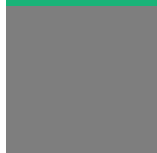
32AEA1

Monochromacy



Original Color

19B378



Achromatopsia

7E7E7E



Achromatomaly

59917C

CSS Examples

Text

The CSS property to change the color of the text to Hex 19B378 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 #19B378 looks like.

```
.text, #text, p{  
    color:#19B378  
}
```

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 #19B378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19B378
}
```

Border

The CSS property to change the border of an element to Hex 19B378 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
#19B378 }
```

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

```
.border{ border-color:#19B378 }
```

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

Here you see how a box with a 4 pixel #19B378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19B378; -webkit-box-shadow:4px 4px  
4px 4px #19B378; box-shadow:4px 4px 4px  
4px #19B378 }
```

Background

The CSS property to change the background color of an element to Hex 19B378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19B378 }
```

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

```
.background{ background-color:#19B378 }
```

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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