

Converting Colors

Hex(19B674)

Have a look what the booklet for
Hex(19B674) contains.

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Color

Hex(19B674)

Conversions

Conversions Part 1

Format	Color
Hex	19B674
RGB	25, 182, 116
RGB Percent	10%, 71%, 45%
CMY	0.9020, 0.2863, 0.5451
CMYK	0.86, 0.00, 0.36, 0.29
HSL	155°, 76%, 41%
HSV	155°, 86%, 71%
XYZ	20.2812, 34.9235, 22.1950
YIQ	127.5330, -72.3860, -53.8100

Conversions

Conversions Part 2

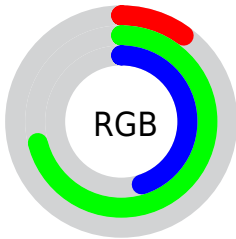
Format	Color
RYB	25, 124, 182
Decimal	1685108
CIELab	65.69, -53.33, 23.14
CIELCh	66, 58.129, 156.544
Yxy	34.9235, 0.2620, 0.4512
Android (android.graphics.Color)	4279875188 (0xFF19B674)
YUV	127.5330, -5.6858, -89.9214
Hunter-Lab	59.0961, -42.1587, 19.0995

Details

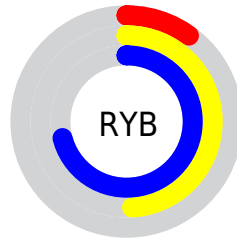
The Hex color **19B674** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B6195B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **65EFA8**, and **008043** is the 20% darker color. If you saturate the color by 10%, you get **07B66C**, and if you desaturate by 10%, it is **2BB67C**.

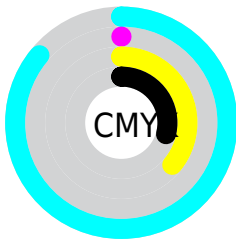
Distribution



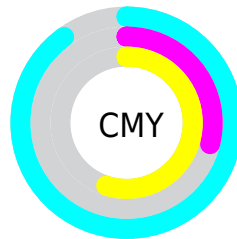
- Red (10%)
- Green (71%)
- Blue (45%)



- Red (10%)
- Yellow (49%)
- Blue (71%)



- Cyan (86%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (90%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19B674 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 19B674 by changing the saturation by 10% instead.

 19B674

 19B674

FFFFFF

 009A5B

 65EFA8

 008043

 84FFC4

 00662C

 A2FFE0

 004C16

 C0FFFD

 003500

 DEFFF

 001C00

FDFFFF

 000000

 19B674

 19B674

 07B66C

 2BB67C

■ 00B669

■ 3DB683

■ 50B68B

■ 62B693

■ 74B69A

■ 86B6A2

■ 98B6AA

■ ABB6B1

■ BDB6B9

Harmonies

Analogous

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



7AAE47



19B674



00B9AA

Triad

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



19B674



4AA2FF



F97A64

Complementary

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



19B674



B6195B

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.



FF7096



19B674



B18DF4

Square

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



19B674



00B0FF



E878CA



DD8E3E

Rectangle

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



19B674



00B8CD



E878CA



FD7574

Sweetspot

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



19B674



AFEDD3



5DB619



537868



F7F7F7



787878

Same Dimension

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



19B674



00ED89



19ACB6



535C58



009C5A



001C10

Inverse Universe

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



B6195B



ED0064



B62319



5C5356



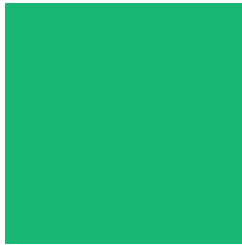
9C0041



1C000C

Previews

White Background



This preview shows how the Hex color 19B674 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 19B674 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 19B674 Background



This preview shows how black text looks on a background with the Hex color 19B674.



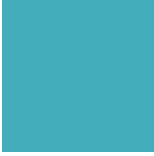
This preview shows how white text looks on a background with the Hex color 19B674.

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
44ADBB

Trichromacy



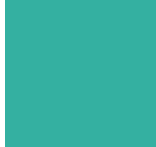
Original Color
19B674



Protanomaly
77A76E



Deuteranomaly
7FA378



Tritanomaly
34B0A1

Monochromacy



Original Color
19B674



Achromatopsia
808080



Achromatomaly
5B947C

CSS Examples

Text

The CSS property to change the color of the text to Hex 19B674 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 #19B674 looks like.

```
.text, #text, p{  
    color:#19B674  
}
```

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 #19B674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19B674
}
```

Border

The CSS property to change the border of an element to Hex 19B674 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
#19B674 }
```

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

```
.border{ border-color:#19B674 }
```

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

Here you see how a box with a 4 pixel #19B674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19B674; -webkit-box-shadow:4px 4px  
4px 4px #19B674; box-shadow:4px 4px 4px  
4px #19B674 }
```

Background

The CSS property to change the background color of an element to Hex 19B674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19B674 }
```

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

```
.background{ background-color:#19B674 }
```

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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