

Converting Colors

Hex(1B8F6F)

Have a look what the booklet for
Hex(1B8F6F) contains.

Hex(1B8F6F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B8F6F)

Conversions

Conversions Part 1

Format	Color
Hex	1B8F6F
RGB	27, 143, 111
RGB Percent	11%, 56%, 44%
CMY	0.8941, 0.4392, 0.5647
CMYK	0.81, 0.00, 0.22, 0.44
HSL	163°, 68%, 33%
HSV	163°, 81%, 56%
XYZ	13.1437, 21.0256, 18.4045
YIQ	104.6680, -58.8640, -34.5440

Conversions

Conversions Part 2

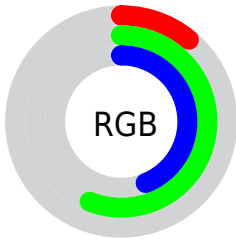
Format	Color
RYB	27, 94, 143
Decimal	1806191
CIELab	52.98, -38.76, 8.34
CIELCh	53, 39.644, 167.849
Yxy	21.0256, 0.2500, 0.3999
Android (android.graphics.Color)	4279996271 (0xFF1B8F6F)
YUV	104.6680, 3.1217, -68.1148
Hunter-Lab	45.8537, -29.0780, 8.3001

Details

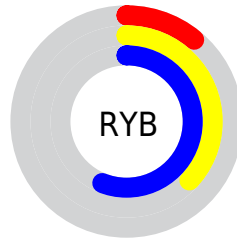
The Hex color **1B8F6F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F1B3B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DC6A3**, and **005C3F** is the 20% darker color. If you saturate the color by 10%, you get **0D8F6B**, and if you desaturate by 10%, it is **298F73**.

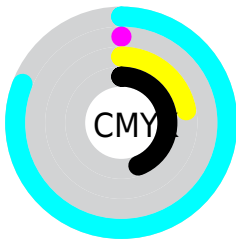
Distribution



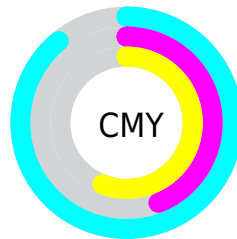
- Red (11%)
- Green (56%)
- Blue (44%)



- Red (11%)
- Yellow (37%)
- Blue (56%)



- Cyan (81%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (89%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8F6F 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 1B8F6F by changing the saturation by 10% instead.

 1B8F6F

 1B8F6F

FFFFFF

 007557

 5DC6A3

 005C3F

 79E2BE

 004329

 96FFD9

 002C15

 B3FFF6

 001200

 D0FFFF

 000000

 EDFFFF

 1B8F6F

 1B8F6F

 0D8F6B

 298F73

■ 008F68

■ 388F77

■ 468F7B

■ 548F7F

■ 628F83

■ 718F87

■ 7F8F8B

■ 8D8F8F

■ 9C8F93

Harmonies

Analogous

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



588B4F



1B8F6F



009092

Triad

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



1B8F6F



6B7BBF



B66B4D

Complementary

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



1B8F6F



8F1B3B

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.



BF636B



1B8F6F



9B6EAD

Square

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



1B8F6F



1086C1



B7648E



9F783B

Rectangle

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



1B8F6F



008EA7



B7648E



BA6856

Sweetspot

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



1B8F6F



8DBAAE



3C8F1B



435E57



DEDEDE



5E5E5E

Same Dimension

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



1B8F6F



06BA88



1B768F



404745



008762



000806

Inverse Universe

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



8F1B3B



BA0637



8F341B



474042



870025



080002

Previews

White Background



This preview shows how the Hex color 1B8F6F looks on a white background.

Color Contrast Check

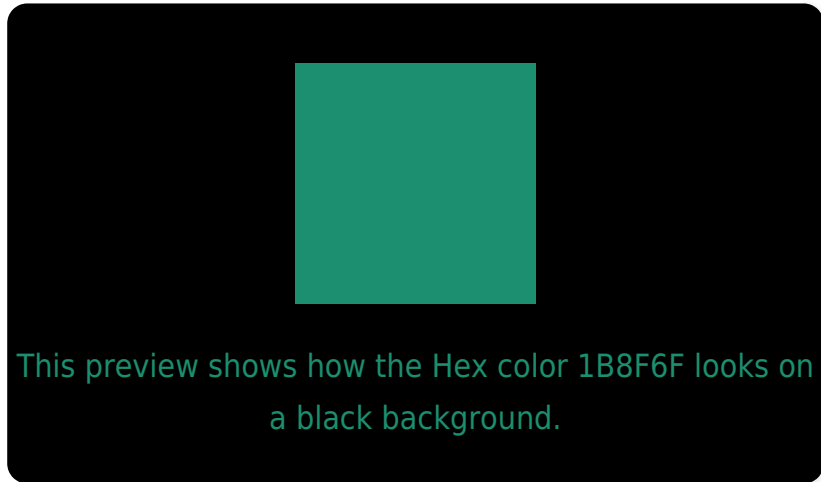
Large Text (above 18pt) WCAG AA ✓ Pass

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

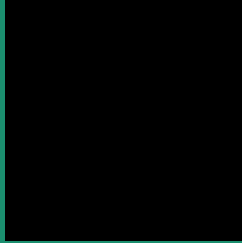
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1B8F6F Background



This preview shows how black text looks on a background with the Hex color 1B8F6F.

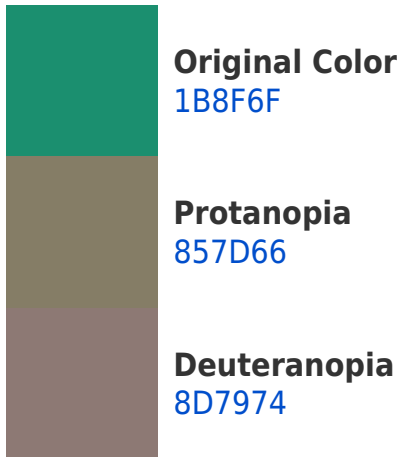


This preview shows how white text looks on a background with the Hex color 1B8F6F.

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
338A95

Trichromacy



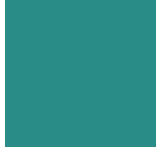
Original Color
1B8F6F



Protanomaly
5E8469



Deuteranomaly
648172



Tritanomaly
2A8C87

Monochromacy



Original Color
1B8F6F



Achromatopsia
696969



Achromatomaly
4D776B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8F6F 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 #1B8F6F looks like.

```
.text, #text, p{  
    color:#1B8F6F  
}
```

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 #1B8F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8F6F
}
```

Border

The CSS property to change the border of an element to Hex 1B8F6F 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
#1B8F6F }
```

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

```
.border{ border-color:#1B8F6F }
```

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

Here you see how a box with a 4 pixel #1B8F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8F6F; -webkit-box-shadow:4px 4px  
4px 4px #1B8F6F; box-shadow:4px 4px 4px  
4px #1B8F6F }
```

Background

The CSS property to change the background color of an element to Hex 1B8F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8F6F }
```

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

```
.background{ background-color:#1B8F6F }
```

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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