

Converting Colors

Hex(1BB96E)

Have a look what the booklet for
Hex(1BB96E) contains.

Hex(1BB96E)	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(1BB96E)

Conversions

Conversions Part 1

Format	Color
Hex	1BB96E
RGB	27, 185, 110
RGB Percent	11%, 73%, 43%
CMY	0.8941, 0.2745, 0.5686
CMYK	0.85, 0.00, 0.41, 0.27
HSL	152°, 75%, 42%
HSV	152°, 85%, 73%
XYZ	20.6154, 36.0567, 20.6250
YIQ	129.2080, -70.0930, -56.8210

Conversions

Conversions Part 2

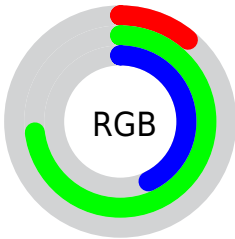
Format	Color
RYB	27, 131, 185
Decimal	1816942
CIELab	66.56, -55.46, 27.49
CIELCh	67, 61.900, 153.635
Yxy	36.0567, 0.2667, 0.4665
Android (android.graphics.Color)	4280007022 (0xFF1BB96E)
YUV	129.2080, -9.4695, -89.6364
Hunter-Lab	60.0473, -43.8001, 21.6682

Details

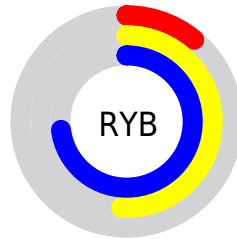
The Hex color **1BB96E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B91B66**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **67F2A2**, and **00823D** is the 20% darker color. If you saturate the color by 10%, you get **08B965**, and if you desaturate by 10%, it is **2EB977**.

Distribution



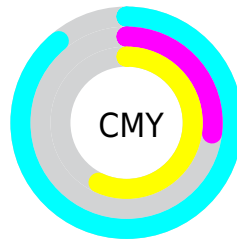
- Red (11%)
- Green (73%)
- Blue (43%)



- Red (11%)
- Yellow (51%)
- Blue (73%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (89%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB96E 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 1BB96E by changing the saturation by 10% instead.

 1BB96E

 1BB96E

FFFFFF

 009D55

 67F2A2

 00823D

 86FFBE

 006826

 A4FFDA

 004F0F

 C2FFF6

 003700

 E0FFFF

 001F00

FEFFFF

 000000

 1BB96E

 1BB96E

 08B965

 2EB977

 00B961

 40B980

 52B988

 65B991

 78B99A

 8AB9A3

 9DB9AB

 AFB9B4

 C2B9BD

Harmonies

Analogous

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



80B03E



1BB96E



00BDA7

Triad

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



1BB96E



22A6FF



FF7767

Complementary

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



1BB96E



B91B66

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.



FF6E9D



1BB96E



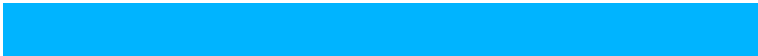
AC90FF

Square

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



1BB96E



00B4FF



EB79D4



E68D3C

Rectangle

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



1BB96E



00BCCD



EB79D4



FF7279

Sweetspot

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



1BB96E



B1F0D2



67B91B



537866



F7F7F7



787878

Same Dimension

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



1BB96E



00F07E



1BB6B9



535C57



009C52



001C0F

Inverse Universe

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



B91B66



F00072



B91E1B



5C5357



9C004A



1C000D

Previews

White Background



This preview shows how the Hex color 1BB96E 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 1BB96E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

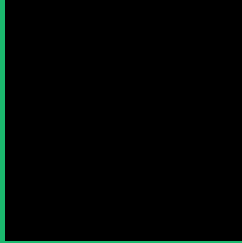
Any Text WCAG AA ✓ Pass

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 1BB96E Background



This preview shows how black text looks on a background with the Hex color 1BB96E.

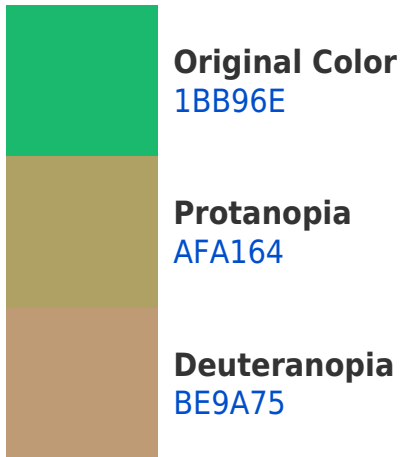


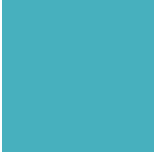
This preview shows how white text looks on a background with the Hex color 1BB96E.

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
47B0BE

Trichromacy



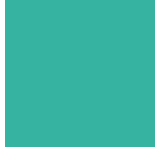
Original Color
1BB96E



Protanomaly
79AA68



Deuteranomaly
83A572



Tritanomaly
37B3A1

Monochromacy



Original Color
1BB96E



Achromatopsia
818181



Achromatomaly
5C957A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB96E 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 #1BB96E looks like.

```
.text, #text, p{  
    color:#1BB96E  
}
```

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 #1BB96E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB96E
}
```

Border

The CSS property to change the border of an element to Hex 1BB96E 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
#1BB96E }
```

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

```
.border{ border-color:#1BB96E }
```

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

Here you see how a box with a 4 pixel #1BB96E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB96E; -webkit-box-shadow:4px 4px  
4px 4px #1BB96E; box-shadow:4px 4px 4px  
4px #1BB96E }
```

Background

The CSS property to change the background color of an element to Hex 1BB96E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB96E }
```

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

```
.background{ background-color:#1BB96E }
```

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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