

Converting Colors

Hex(1BC689)

Have a look what the booklet for
Hex(1BC689) contains.

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Color

Hex(1BC689)

Conversions

Conversions Part 1

Format	Color
Hex	1BC689
RGB	27, 198, 137
RGB Percent	11%, 78%, 54%
CMY	0.8941, 0.2235, 0.4627
CMYK	0.86, 0.00, 0.31, 0.22
HSL	159°, 76%, 44%
HSV	159°, 86%, 78%
XYZ	25.1614, 42.4273, 30.5301
YIQ	139.9170, -82.3350, -55.2230

Conversions

Conversions Part 2

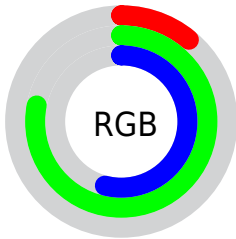
Format	Color
RYB	27, 131, 198
Decimal	1820297
CIELab	71.16, -54.66, 19.38
CIELCh	71, 57.996, 160.479
Yxy	42.4273, 0.2564, 0.4324
Android (android.graphics.Color)	4280010377 (0xFF1BC689)
YUV	139.9170, -1.4381, -99.0282
Hunter-Lab	65.1363, -45.0358, 17.8055

Details

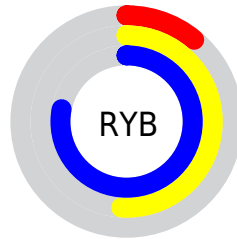
The Hex color **1BC689** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C61B58**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6AFFBF**, and **008F57** is the 20% darker color. If you saturate the color by 10%, you get **07C682**, and if you desaturate by 10%, it is **2FC690**.

Distribution



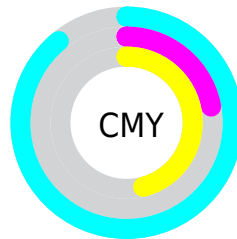
- Red (11%)
- Green (78%)
- Blue (54%)



- Red (11%)
- Yellow (51%)
- Blue (78%)



- Cyan (86%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (89%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BC689 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 1BC689 by changing the saturation by 10% instead.

 1BC689

 1BC689

FFFFFF

 00AA6F

 6AFFBF

 008F57

 8AFFDB

 00743F

 A8FFF7

 005A29

 C7FFFF

 004113

 E5FFFF

 002B00

 000800

 000000

 1BC689

 1BC689

 07C682

 2FC690

 00C67F

 43C697

 56C69E

 6AC6A5

 7EC6AC

 92C6B3

 A6C6BA

 B9C6C2

 CDC6C9

Harmonies

Analogous

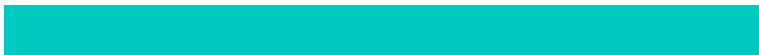
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81BF5A



1BC689



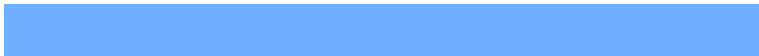
00C9C0

Triad

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



1BC689



70AEFF



FF8B6C

Complementary

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



1BC689



C61B58

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.



FF809E



1BC689



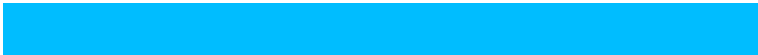
CA99FF

Square

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



1BC689



00BDFE



FD85D3



E89F48

Rectangle

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



1BC689



00C7E2



FD85D3



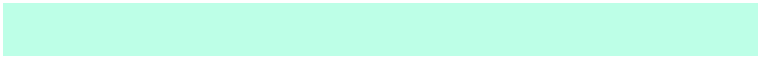
FF867C

Sweetspot

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



1BC689



BDFFE7



5AC61B



588071



000000



808080

Same Dimension

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



1BC689



00FFA4



1BAFC6



5A6360



00A369



002417

Inverse Universe

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



C61B58



FF005B



C6321B



635A5D



A3003A



24000D

Previews

White Background



This preview shows how the Hex color 1BC689 looks on a white background.

Color Contrast Check

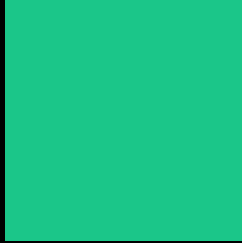
Large Text (above 18pt) WCAG AA × Fail

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 1BC689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

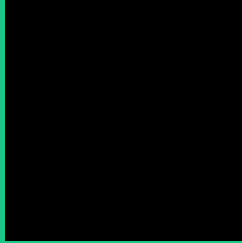
Any Text WCAG AA ✓ Pass

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 1BC689 Background



This preview shows how black text looks on a background with the Hex color 1BC689.

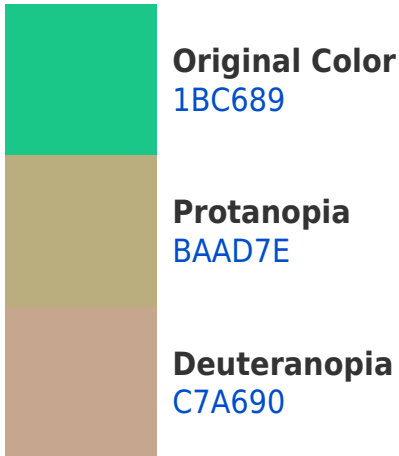


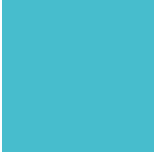
This preview shows how white text looks on a background with the Hex color 1BC689.

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
47BDCD

Trichromacy



Original Color
1BC689



Protanomaly
80B682



Deuteranomaly
88B28D



Tritanomaly
37C0B4

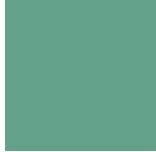
Monochromacy



Original Color
1BC689



Achromatopsia
8C8C8C



Achromatomaly
63A18B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BC689 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 #1BC689 looks like.

```
.text, #text, p{  
    color:#1BC689  
}
```

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 #1BC689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC689
}
```

Border

The CSS property to change the border of an element to Hex 1BC689 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
#1BC689 }
```

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

```
.border{ border-color:#1BC689 }
```

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

Here you see how a box with a 4 pixel #1BC689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC689; -webkit-box-shadow:4px 4px  
4px 4px #1BC689; box-shadow:4px 4px 4px  
4px #1BC689 }
```

Background

The CSS property to change the background color of an element to Hex 1BC689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC689 }
```

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

```
.background{ background-color:#1BC689 }
```

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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