

Converting Colors

Hex(01B477)

Have a look what the booklet for
Hex(01B477) contains.

Hex(01B477)	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(01B477)

Conversions

Conversions Part 1

Format	Color
Hex	01B477
RGB	1, 180, 119
RGB Percent	0%, 71%, 47%
CMY	0.9961, 0.2941, 0.5333
CMYK	0.99, 0.00, 0.34, 0.29
HSL	160°, 99%, 35%
HSV	160°, 99%, 71%
XYZ	19.6635, 33.9809, 22.9754
YIQ	119.5250, -87.1030, -56.9190

Conversions

Conversions Part 2

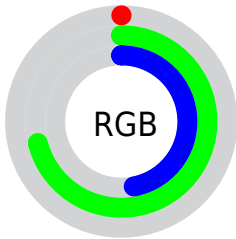
Format	Color
RYB	1, 109, 180
Decimal	111735
CIELab	64.95, -53.19, 20.50
CIELCh	65, 57.005, 158.928
Yxy	33.9809, 0.2566, 0.4435
Android (android.graphics.Color)	4278301815 (0xFF01B477)
YUV	119.5250, -0.2588, -103.9464
Hunter-Lab	58.2931, -41.8010, 17.4369

Details

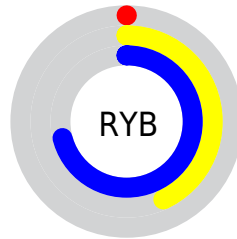
The Hex color **01B477** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B4013E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **5FEDAC**, and **007E46** is the 20% darker color. If you saturate the color by 10%, you get **00B477**, and if you desaturate by 10%, it is **13B47D**.

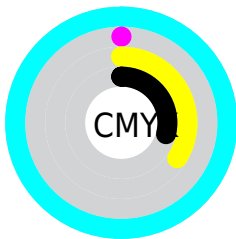
Distribution



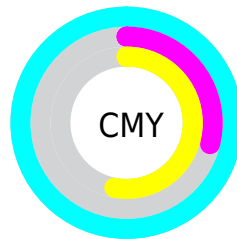
- Red (0%)
- Green (71%)
- Blue (47%)



- Red (0%)
- Yellow (43%)
- Blue (71%)



- Cyan (99%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01B477 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 01B477 by changing the saturation by 10% instead.

 01B477

 01B477

FFFFFF

 00995E

 5FEDAC

 007E46

 7EFFC7

 00642F

 9CFFE3

 004A19

 BBFFFF

 003301

 D9FFFF

 001A00

 F7FFFF

 000000

 01B477

 01B477

 00B477

 13B47D

 25B483

 37B489

 49B490

 5BB496

 6DB49C

 7FB4A2

 91B4A8

 A3B4AE

Harmonies

Analogous

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



74AD4A



01B477



00B7AC

Triad

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



01B477



579EFF



F47A60

Complementary

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



01B477



B4013E

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.



FB6F90



01B477



B48AED

Square

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



01B477



00ADFC



E776C3



D78E3C

Rectangle

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



01B477



00B6CD



E776C3



F9756F

Sweetspot

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



01B477



A4EBD3



40B401



4B7567



F5F5F5



757575

Same Dimension

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



01B477



00EB9B



0199B4



505956



009965



001A11

Inverse Universe

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



B4013E



EB0050



B41C01



595053



990034



1A0009

Previews

White Background



This preview shows how the Hex color 01B477 looks on a white background.

Color Contrast Check

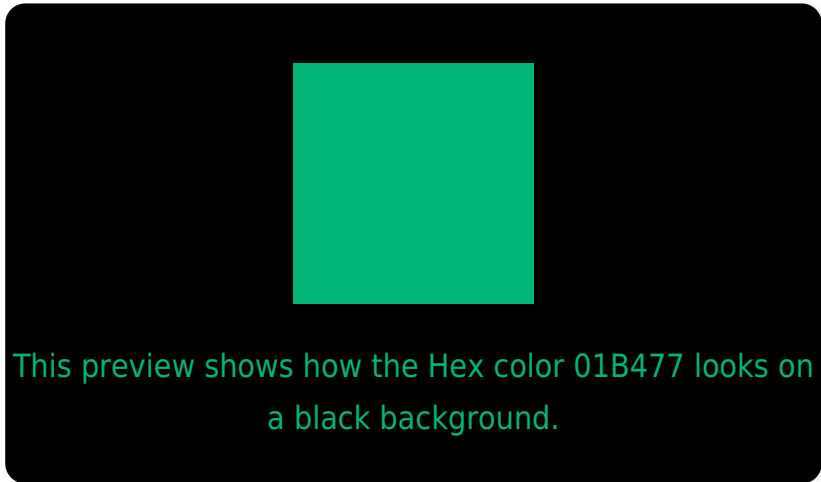
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 01B477 Background



This preview shows how black text looks on a background with the Hex color 01B477.



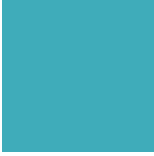
This preview shows how white text looks on a background with the Hex color 01B477.

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





Trichromacy



Original Color
01B477



Protanomaly
6CA571



Deuteranomaly
74A17B



Tritanomaly
28AFA2

Monochromacy



Original Color
01B477



Achromatopsia
787878



Achromatomaly
4D8E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 01B477 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 #01B477 looks like.

```
.text, #text, p{  
    color:#01B477  
}
```

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 #01B477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01B477
}
```

Border

The CSS property to change the border of an element to Hex 01B477 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
#01B477 }
```

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

```
.border{ border-color:#01B477 }
```

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

Here you see how a box with a 4 pixel #01B477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01B477; -webkit-box-shadow:4px 4px  
4px 4px #01B477; box-shadow:4px 4px 4px  
4px #01B477 }
```

Background

The CSS property to change the background color of an element to Hex 01B477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01B477 }
```

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

```
.background{ background-color:#01B477 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor