

Converting Colors

Hex(00B381)

Have a look what the booklet for
Hex(00B381) contains.

Hex(00B381)	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(00B381)

Conversions

Conversions Part 1

Format	Color
Hex	00B381
RGB	0, 179, 129
RGB Percent	0%, 70%, 51%
CMY	1.0000, 0.2980, 0.4941
CMYK	1.00, 0.00, 0.28, 0.30
HSL	163°, 100%, 35%
HSV	163°, 100%, 70%
XYZ	20.0825, 33.8252, 26.2393
YIQ	119.7790, -90.6340, -53.4980

Conversions

Conversions Part 2

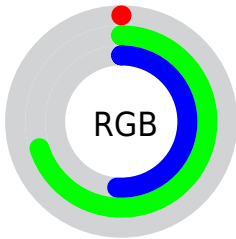
Format	Color
RYB	0, 104, 179
Decimal	45953
CIELab	64.82, -50.57, 14.89
CIELCh	65, 52.721, 163.593
Yxy	33.8252, 0.2506, 0.4220
Android (android.graphics.Color)	4278236033 (0xFF00B381)
YUV	119.7790, 4.5460, -105.0462
Hunter-Lab	58.1594, -40.1426, 13.9622

Details

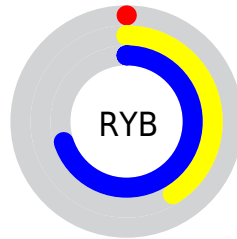
The Hex color **00B381** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B30032**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **5FECB6**, and **007D50** is the 20% darker color. If you saturate the color by 10%, you get **00B381**, and if you desaturate by 10%, it is **12B386**.

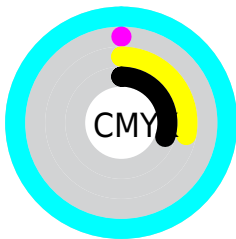
Distribution



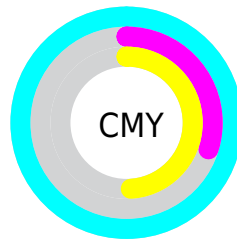
- Red (0%)
- Green (70%)
- Blue (51%)



- Red (0%)
- Yellow (41%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B381 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 00B381 by changing the saturation by 10% instead.

 00B381

 00B381

FFFFFF

 009868

 5FECB6

 007D50

 7EFFD2

 006338

 9CFFEE

 004A23

 BAEFFF

 00320E

 D9FFFF

 001900

 F7FFFF

 000000

 00B381

 12B386

 24B38B

 36B390

 48B395

 5AB39A

 6BB39F

 7DB3A4

 8FB3A9

 A1B3AE

Harmonies

Analogous

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



6FAD56



00B381



00B5B2

Triad

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



00B381



729BF9



EB805E

Complementary

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



00B381



B30032

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.



F5748A



00B381



BC88E2

Square

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



00B381



00AAF7



E778B9



CD9140

Rectangle

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



00B381



00B4D0



E778B9



F17B6C

Sweetspot

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



00B381



A2E8D5



33B300



4B756A



F5F5F5



757575

Same Dimension

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



00B381



00E8A7



008CB3



505957



00996E



001A12

Inverse Universe

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



B30032



E80041



B32700



595053



99002B



1A0007

Previews

White Background



This preview shows how the Hex color 00B381 looks on a white background.

Color Contrast Check

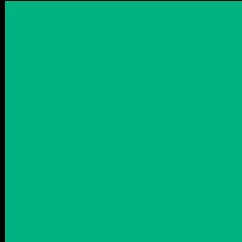
Large Text (above 18pt) WCAG AA × Fail

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 00B381 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 00B381 Background



This preview shows how black text looks on a background with the Hex color 00B381.

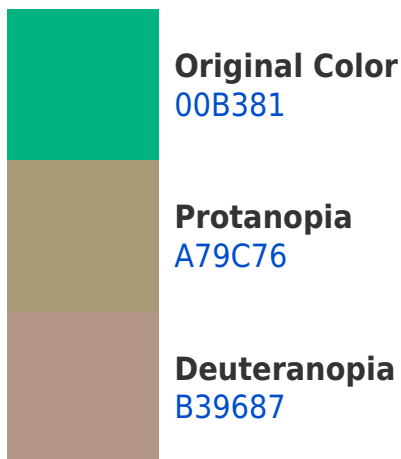


This preview shows how white text looks on a background with the Hex color 00B381.

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



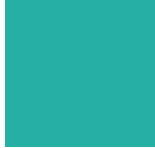
Original Color
00B381



Protanomaly
6AA47A



Deuteranomaly
72A185



Tritanomaly
26AFA5

Monochromacy



Original Color
00B381



Achromatopsia
787878



Achromatomaly
4C8D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B381 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 #00B381 looks like.

```
.text, #text, p{  
    color:#00B381  
}
```

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 #00B381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B381
}
```

Border

The CSS property to change the border of an element to Hex 00B381 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
#00B381 }
```

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

```
.border{ border-color:#00B381 }
```

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

Here you see how a box with a 4 pixel #00B381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B381; -webkit-box-shadow:4px 4px  
4px 4px #00B381; box-shadow:4px 4px 4px  
4px #00B381 }
```

Background

The CSS property to change the background color of an element to Hex 00B381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B381 }
```

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

```
.background{ background-color:#00B381 }
```

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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