

Converting Colors

Hex(00B382)

Have a look what the booklet for
Hex(00B382) contains.

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Color

Hex(00B382)

Conversions

Conversions Part 1

Format	Color
Hex	00B382
RGB	0, 179, 130
RGB Percent	0%, 70%, 51%
CMY	1.0000, 0.2980, 0.4902
CMYK	1.00, 0.00, 0.27, 0.30
HSL	164°, 100%, 35%
HSV	164°, 100%, 70%
XYZ	20.1494, 33.8519, 26.5912
YIQ	119.8930, -90.9550, -53.1870

Conversions

Conversions Part 2

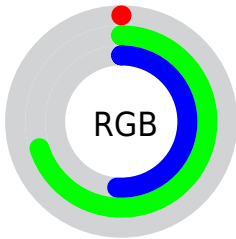
Format	Color
RYB	0, 104, 179
Decimal	45954
CIELab	64.84, -50.34, 14.37
CIELCh	65, 52.348, 164.062
Yxy	33.8519, 0.2500, 0.4200
Android (android.graphics.Color)	4278236034 (0xFF00B382)
YUV	119.8930, 4.9828, -105.1462
Hunter-Lab	58.1824, -40.0022, 13.6303

Details

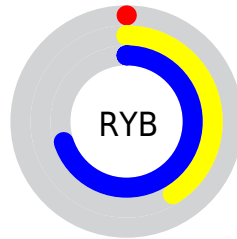
The Hex color **00B382** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B30031**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **5FECB7**, and **007D51** is the 20% darker color. If you saturate the color by 10%, you get **00B382**, and if you desaturate by 10%, it is **12B387**.

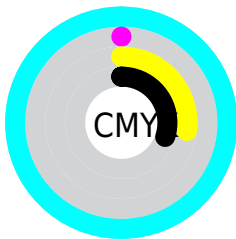
Distribution



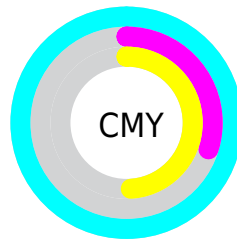
- Red (0%)
- Green (70%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B382 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 00B382 by changing the saturation by 10% instead.



00B382



00B382

FFFFFF



009869



5FECB7



007D51



7EFFD3



006339



9CFFEF



004A24



BAFFFF



00320F



D9FFFF



001A00



F7FFFF



000000



00B382



12B387

 24B38C

 36B391

 48B396

 5AB39B

 6BB39F

 7DB3A4

 8FB3A9

 A1B3AE

Harmonies

Analogous

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



6EAD57



00B382



00B5B3

Triad

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



00B382



749BF8



EA805E

Complementary

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



00B382



B30031

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.



F57589



00B382



BD88E1

Square

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



00B382



00A9F7



E778B8



CD9241

Rectangle

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



00B382



00B3D0



E778B8



F07B6B

Sweetspot

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



00B382



A2E8D5



33B300



4B756A



F5F5F5



757575

Same Dimension

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



00B382



00E8A9



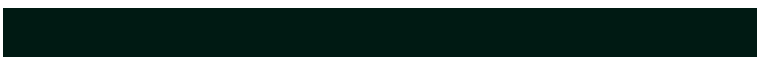
008CB3



505957



00996F



001A13

Inverse Universe

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



B30031



E80040



B32700



595053



99002A



1A0007

Previews

White Background



This preview shows how the Hex color 00B382 looks on a white background.

Color Contrast Check

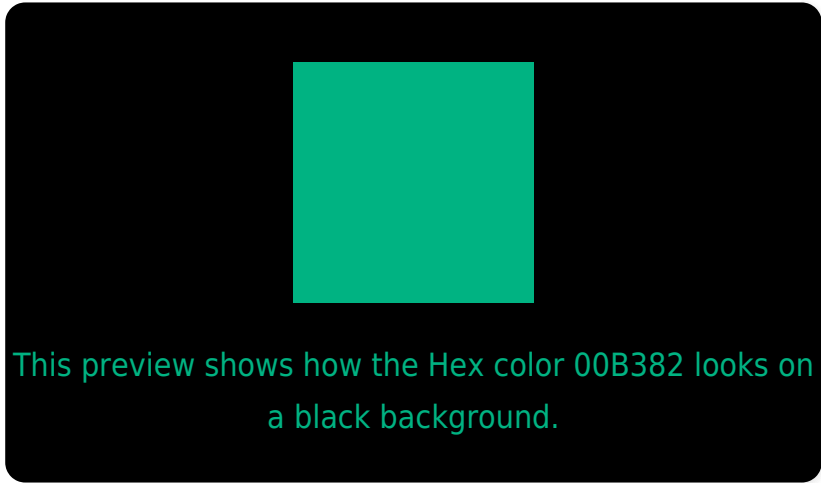
Large Text (above 18pt) WCAG AA × Fail

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

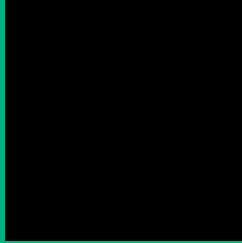
Any Text WCAG AA ✓ Pass

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 00B382 Background



This preview shows how black text looks on a background with the Hex color 00B382.

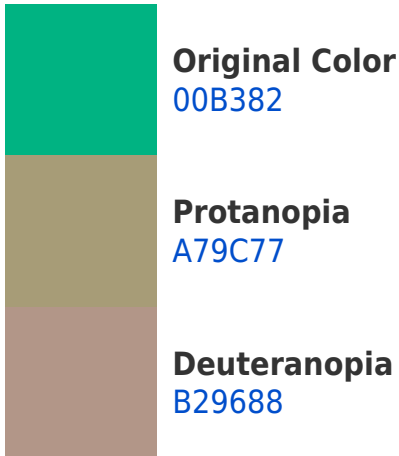


This preview shows how white text looks on a background with the Hex color 00B382.

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



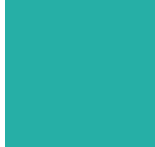
Original Color
00B382



Protanomaly
6AA47B



Deuteranomaly
71A186



Tritanomaly
26AFA6

Monochromacy



Original Color
00B382



Achromatopsia
787878



Achromatomaly
4C8D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B382 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 #00B382 looks like.

```
.text, #text, p{  
    color:#00B382  
}
```

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 #00B382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B382
}
```

Border

The CSS property to change the border of an element to Hex 00B382 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
#00B382 }
```

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

```
.border{ border-color:#00B382 }
```

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

Here you see how a box with a 4 pixel #00B382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B382; -webkit-box-shadow:4px 4px  
4px 4px #00B382; box-shadow:4px 4px 4px  
4px #00B382 }
```

Background

The CSS property to change the background color of an element to Hex 00B382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B382 }
```

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

```
.background{ background-color:#00B382 }
```

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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