

Converting Colors

Hex(16B382)

Have a look what the booklet for
Hex(16B382) contains.

Hex(16B382)	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(16B382)

Conversions

Conversions Part 1

Format	Color
Hex	16B382
RGB	22, 179, 130
RGB Percent	9%, 70%, 51%
CMY	0.9137, 0.2980, 0.4902
CMYK	0.88, 0.00, 0.27, 0.30
HSL	161°, 78%, 39%
HSV	161°, 88%, 70%
XYZ	20.4802, 34.0225, 26.6067
YIQ	126.4710, -77.8430, -48.5230

Conversions

Conversions Part 2

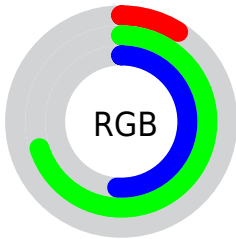
Format	Color
RYB	22, 115, 179
Decimal	1487746
CIELab	64.98, -49.30, 14.58
CIELCh	65, 51.409, 163.520
Yxy	34.0225, 0.2525, 0.4195
Android (android.graphics.Color)	4279677826 (0xFF16B382)
YUV	126.4710, 1.7398, -91.6211
Hunter-Lab	58.3288, -39.4010, 13.7850

Details

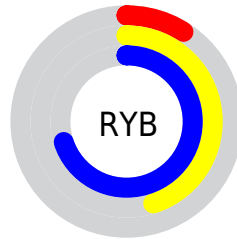
The Hex color **16B382** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B31647**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **64ECB7**, and **007D51** is the 20% darker color. If you saturate the color by 10%, you get **04B37C**, and if you desaturate by 10%, it is **28B388**.

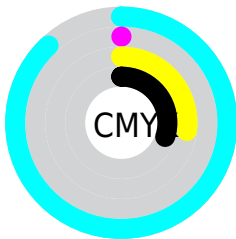
Distribution



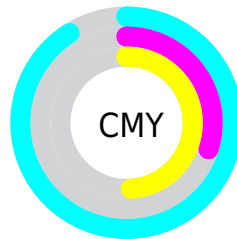
- Red (9%)
- Green (70%)
- Blue (51%)



- Red (9%)
- Yellow (45%)
- Blue (70%)



- Cyan (88%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)



- Cyan (91%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16B382 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 16B382 by changing the saturation by 10% instead.

 16B382

 16B382

FFFFFF

 009869


 64ECB7

 007D51

 83FFD3

 006339

 A1FFE7

 004A24

 BFFFFFF

 00320F

 DDDFFF

 001A00

 FFFFFFF

 000000

 16B382

 16B382

 04B37C

 28B388

■ 00B37B

■ 3AB38D

■ 4CB393

■ 5EB398

■ 70B39E

■ 81B3A4

■ 93B3A9

■ A5B3AF

■ B7B3B4

Harmonies

Analogous

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



71AD58



16B382



00B5B2

Triad

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



16B382



749BF7



EA8160

Complementary

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



16B382



B31647

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.



F4768B



16B382



BC89E1

Square

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



16B382



00AAF5



E57AB9



CD9244

Rectangle

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



16B382



00B3CF



E57AB9



EF7C6D

Sweetspot

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



16B382



ACE8D5



48B316



51756A



F5F5F5



757575

Same Dimension

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



16B382



00E8A0



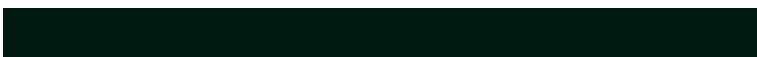
1696B3



505956



009969



001A12

Inverse Universe

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



B31647



E80048



B33316



595053



990030



1A0008

Previews

White Background



This preview shows how the Hex color 16B382 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 16B382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

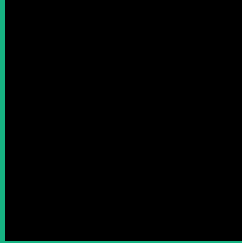
Any Text WCAG AA ✓ Pass

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 16B382 Background



This preview shows how black text looks on a background with the Hex color 16B382.

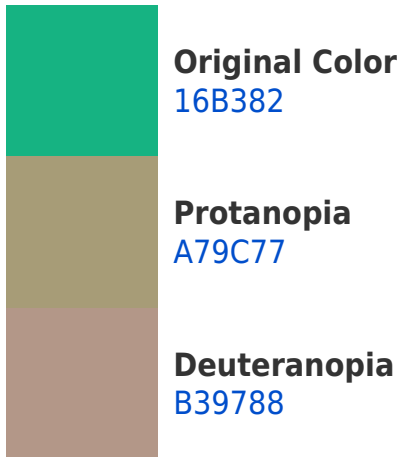


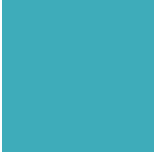
This preview shows how white text looks on a background with the Hex color 16B382.

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



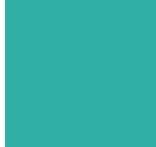
Original Color
16B382



Protanomaly
72A47B



Deuteranomaly
7AA186



Tritanomaly
2FAFA6

Monochromacy



Original Color
16B382



Achromatopsia
7E7E7E



Achromatomaly
58917F

CSS Examples

Text

The CSS property to change the color of the text to Hex 16B382 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 #16B382 looks like.

```
.text, #text, p{  
    color:#16B382  
}
```

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 #16B382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16B382
}
```

Border

The CSS property to change the border of an element to Hex 16B382 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
#16B382 }
```

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

```
.border{ border-color:#16B382 }
```

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

Here you see how a box with a 4 pixel #16B382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16B382; -webkit-box-shadow:4px 4px  
4px 4px #16B382; box-shadow:4px 4px 4px  
4px #16B382 }
```

Background

The CSS property to change the background color of an element to Hex 16B382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16B382 }
```

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

```
.background{ background-color:#16B382 }
```

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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