

Converting Colors

Hex(16BD7E)

Have a look what the booklet for
Hex(16BD7E) contains.

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Color

Hex(16BD7E)

Conversions

Conversions Part 1

Format	Color
Hex	16BD7E
RGB	22, 189, 126
RGB Percent	9%, 74%, 49%
CMY	0.9137, 0.2588, 0.5059
CMYK	0.88, 0.00, 0.33, 0.26
HSL	157°, 79%, 41%
HSV	157°, 88%, 74%
XYZ	22.2944, 38.0721, 25.9123
YIQ	131.8850, -79.3090, -54.9970

Conversions

Conversions Part 2

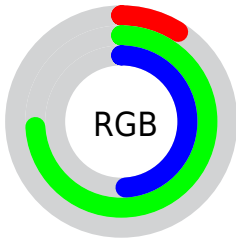
Format	Color
RYB	22, 125, 189
Decimal	1490302
CIELab	68.07, -54.03, 21.01
CIElCh	68, 57.972, 158.746
Yxy	38.0721, 0.2584, 0.4413
Android (android.graphics.Color)	4279680382 (0xFF16BD7E)
YUV	131.8850, -2.9013, -96.3691
Hunter-Lab	61.7026, -43.4840, 18.2927

Details

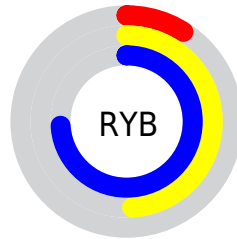
The Hex color **16BD7E** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **BD1655**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66F6B3**, and **00864D** is the 20% darker color. If you saturate the color by 10%, you get **03BD77**, and if you desaturate by 10%, it is **29BD85**.

Distribution



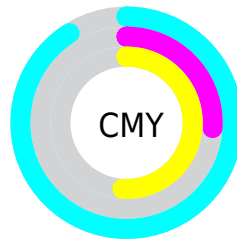
- Red (9%)
- Green (74%)
- Blue (49%)



- Red (9%)
- Yellow (49%)
- Blue (74%)



- Cyan (88%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (91%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16BD7E 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 16BD7E by changing the saturation by 10% instead.

 16BD7E

 16BD7E

FFFFFF

 00A165

 66F6B3

 00864D

 85FFCF

 006C35

 A4FFEB

 00521F

 C2FFFF

 003A09

 E0FFFF

 002300

 000000

 16BD7E

 16BD7E

 03BD77

 29BD85

 00BD76

 3CBD8C

 4FBD93

 62BD9B

 75BDA2

 87BDA9

 9ABDB0

 ADBDB7

 C0DBE

Harmonies

Analogous

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



7CB550



16BD7E



00C0B4

Triad

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



16BD7E



5FA7FF



FF8267

Complementary

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



16BD7E



BD1655

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.



FF7799



16BD7E



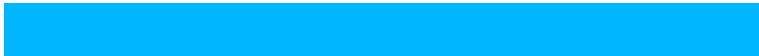
BD92F8

Square

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



16BD7E



00B6FF



F17ECD



E19642

Rectangle

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



16BD7E



00BFD7



F17ECD



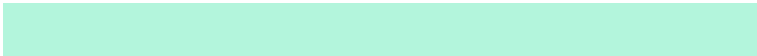
FF7D77

Sweetspot

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



16BD7E



B3F5DC



56BD16



537A6C



FAFAFA



7A7A7A

Same Dimension

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



16BD7E



00F598



16AABD



555E5B



009E62



001F13

Inverse Universe

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



BD1655



F5005C



BD2916



5E5558



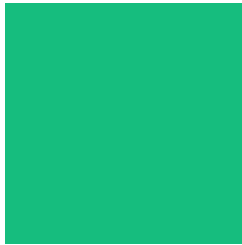
9E003C



1F000C

Previews

White Background



This preview shows how the Hex color 16BD7E looks on a white background.

Color Contrast Check

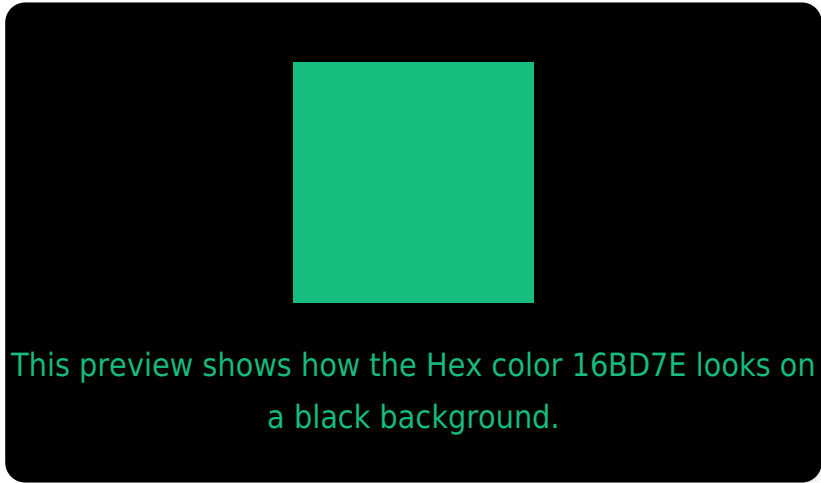
Large Text (above 18pt) WCAG AA × Fail

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

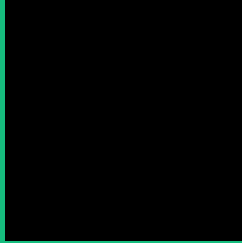
Any Text WCAG AA ✓ Pass

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 16BD7E Background



This preview shows how black text looks on a background with the Hex color 16BD7E.

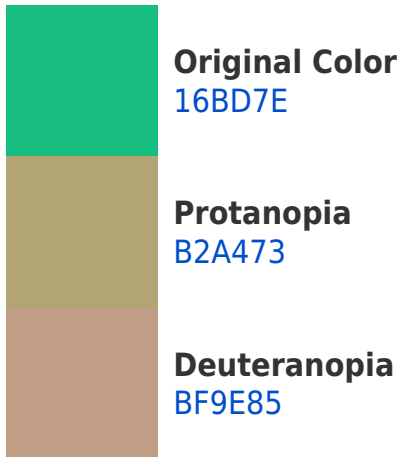


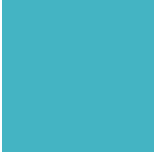
This preview shows how white text looks on a background with the Hex color 16BD7E.

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](#).

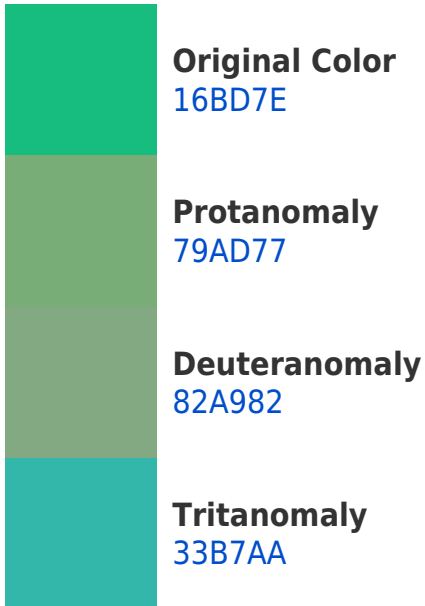
Dichromacy





Tritanopia
44B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16BD7E 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 #16BD7E looks like.

```
.text, #text, p{  
    color:#16BD7E  
}
```

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 #16BD7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16BD7E
}
```

Border

The CSS property to change the border of an element to Hex 16BD7E 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
#16BD7E }
```

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

```
.border{ border-color:#16BD7E }
```

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

Here you see how a box with a 4 pixel #16BD7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16BD7E; -webkit-box-shadow:4px 4px  
4px 4px #16BD7E; box-shadow:4px 4px 4px  
4px #16BD7E }
```

Background

The CSS property to change the background color of an element to Hex 16BD7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16BD7E }
```

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

```
.background{ background-color:#16BD7E }
```

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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