

# Converting Colors

Hex(17B382)

Have a look what the booklet for  
Hex(17B382) contains.

<b>Hex(17B382)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(17B382)

# Conversions

## Conversions Part 1

Format	Color
Hex	17B382
RGB	23, 179, 130
RGB Percent	9%, 70%, 51%
CMY	0.9098, 0.2980, 0.4902
CMYK	0.87, 0.00, 0.27, 0.30
HSL	161°, 77%, 40%
HSV	161°, 87%, 70%
XYZ	20.5027, 34.0341, 26.6077
YIQ	126.7700, -77.2470, -48.3110

# Conversions

## Conversions Part 2

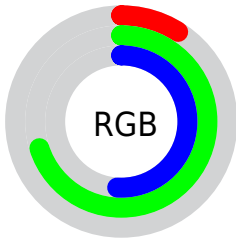
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">23, 116, 179</a>
Decimal	<a href="#">1553282</a>
CIELab	<a href="#">64.99, -49.23, 14.60</a>
CIELCh	<a href="#">65, 51.346, 163.482</a>
Yxy	<a href="#">34.0341, 0.2527, 0.4194</a>
Android (android.graphics.Color)	<a href="#">4279743362 (0xFF17B382)</a>
YUV	<a href="#">126.7700, 1.5924, -91.0063</a>
Hunter-Lab	<a href="#">58.3387, -39.3603, 13.7955</a>

# Details

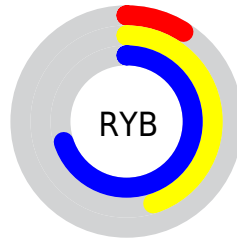
The Hex color **17B382** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B31748**, and the grayscale version is **7F7F7F**.

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 **05B37C**, and if you desaturate by 10%, it is **29B388**.

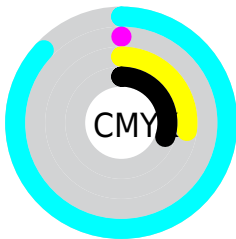
# Distribution



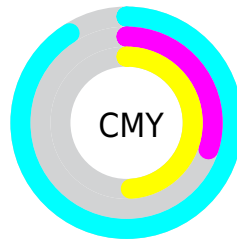
- Red (9%)
- Green (70%)
- Blue (51%)



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



- Cyan (87%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 17B382 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 17B382 by changing the saturation by 10% instead.



 17B382

 17B382


FFFFFF

 009869

 64ECB7

 007D51

 83FFD3

 006339

 A1FFE7

 004A24

 BFFFFFF

 00320F

 DDDFFF

 001A00

 FFFFFFF

 000000

 17B382

 17B382

 05B37C

 29B388

 00B37B

 3BB38D

 4DB393

 5FB398

 71B39E

 82B3A4

 94B3A9

 A6B3AF

 B8B3B5

# Harmonies

## Analogous

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



71AD58



17B382



00B5B2

# Triad

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



17B382



749BF7



EA8160

# Complementary

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



17B382



B31748

# 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



17B382



BC89E1

# Square

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



17B382



00AAF5



E57AB9



CD9244

# Rectangle

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



17B382



00B3CF



E57AB9



EF7C6E



# Sweetspot

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



17B382



ACE8D5



48B317



51756A



F5F5F5



757575



# Same Dimension

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



17B382



00E89F



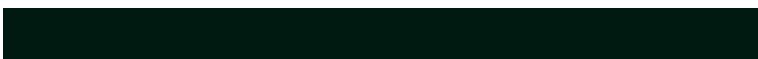
1796B3



505956



009969



001A11



# Inverse Universe

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



B31748



E80049



B33417



595053



990030

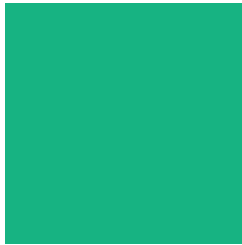


1A0008



# Previews

## White Background



This preview shows how the Hex color 17B382 looks on a white background.

## Color Contrast Check

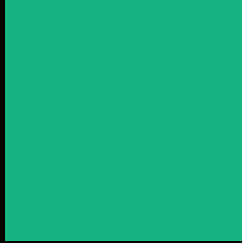
Large Text (above 18pt) WCAG AA × Fail

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 17B382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

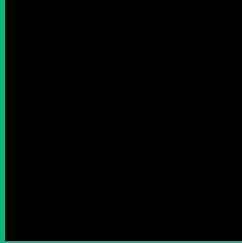
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17B382 Background



This preview shows how black text looks on a background with the Hex color 17B382.

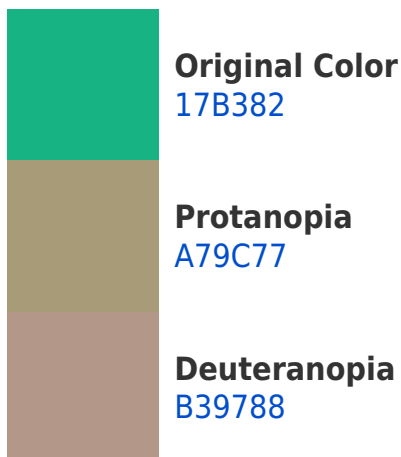


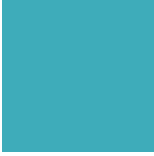
This preview shows how white text looks on a background with the Hex color 17B382.

# 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



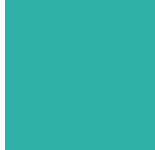
**Original Color**  
17B382



**Protanomaly**  
73A47B



**Deuteranomaly**  
7AA186



**Tritanomaly**  
30AFA6

# Monochromacy



**Original Color**  
17B382



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
599280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17B382 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 #17B382 looks like.

```
.text, #text, p{  
    color:#17B382  
}
```

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 #17B382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B382
}
```

## Border

The CSS property to change the border of an element to Hex 17B382 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
#17B382 }
```

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

```
.border{ border-color:#17B382 }
```

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

Here you see how a box with a 4 pixel #17B382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B382; -webkit-box-shadow:4px 4px  
4px 4px #17B382; box-shadow:4px 4px 4px  
4px #17B382 }
```

# Background

The CSS property to change the background color of an element to Hex 17B382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B382 }
```

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

```
.background{ background-color:#17B382 }
```

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