

# Converting Colors

Hex(16E9B7)

Have a look what the booklet for  
Hex(16E9B7) contains.

<b>Hex(16E9B7)</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(16E9B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16E9B7
RGB	22, 233, 183
RGB Percent	9%, 91%, 72%
CMY	0.9137, 0.0863, 0.2824
CMYK	0.91, 0.00, 0.21, 0.09
HSL	166°, 83%, 50%
HSV	166°, 91%, 91%
XYZ	38.0170, 61.8673, 54.7376
YIQ	164.2110, -109.7060, -60.2820

# Conversions

## Conversions Part 2

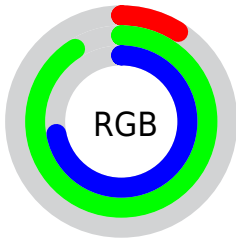
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 142, 233
Decimal	1501623
CIE <sub>Lab</sub>	82.84, -57.65, 11.39
CIE <sub>LCh</sub>	83, 58.764, 168.823
Yxy	61.8673, 0.2459, 0.4001
Android (android.graphics.Color)	4279691703 (0xFF16E9B7)
YUV	164.2110, 9.2630, -124.7190
Hunter-Lab	78.6558, -51.3724, 13.7983

# Details

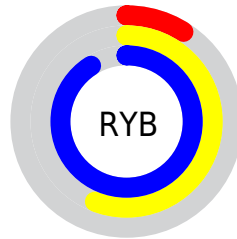
The Hex color **16E9B7** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E91648**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **73FFEF**, and **00B082** is the 20% darker color. If you saturate the color by 10%, you get **00E9B2**, and if you desaturate by 10%, it is **2DE9BD**.

# Distribution



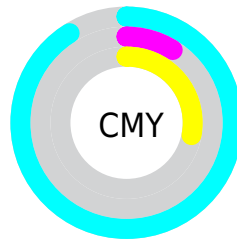
- Red (9%)
- Green (91%)
- Blue (72%)



- Red (9%)
- Yellow (56%)
- Blue (91%)



- Cyan (91%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16E9B7 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 16E9B7 by changing the saturation by 10% instead.



 16E9B7

 16E9B7

FFFFFF

 00CC9C

 73FFEF

 00B082

 94FFFF

 009569

 B4FFFF

 007A51

 D4FFFF

 00603A

 F3FFFF

 004624

 00300F

 001200

 000000

 16E9B7

 16E9B7

 00E9B2

 2DE9BD

 45E9C2

 5CE9C8

 73E9CD

 8BE9D3

 A2E9D8

 B9E9DE

 D0E9E3

 E8E9E9

# Harmonies

## Analogous

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



8DE283



16E9B7



00EAF0

# Triad

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



16E9B7



B0C8FF



FFB07D

# Complementary

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



16E9B7



E91648

# 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.



FFA1AE



16E9B7



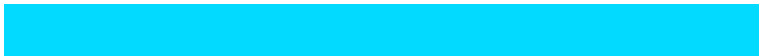
FEB2FF

# Square

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



16E9B7



02DAFF



FFA2E5



FFC45F

# Rectangle

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



16E9B7



00E8FF



FFA2E5



FFAA8C

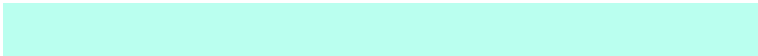


# Sweetspot

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



16E9B7



BAFFEF



4BE916



578076



000000



808080



# Same Dimension

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



16E9B7



00FFC3



16B4E9



6A7573



00B58A



003629



# Inverse Universe

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



E91648



FF003C



E94B16



756A6C



B5002B

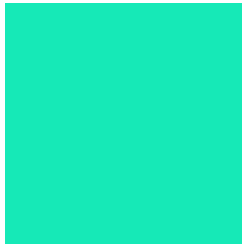


36000D



# Previews

## White Background



This preview shows how the Hex color 16E9B7 looks on a white background.

## Color Contrast Check

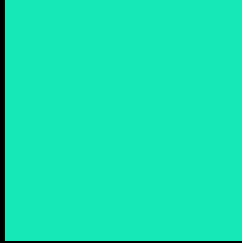
Large Text (above 18pt) WCAG AA × Fail

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 16E9B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

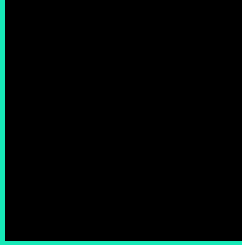
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 16E9B7 Background



This preview shows how black text looks on a background with the Hex color 16E9B7.

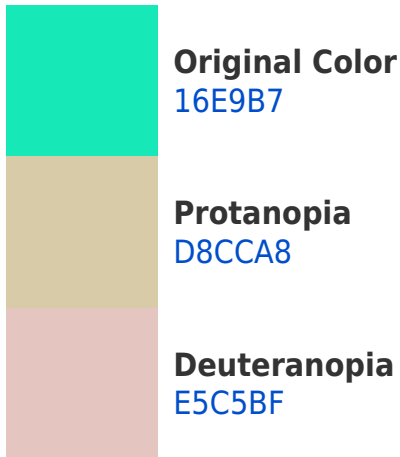


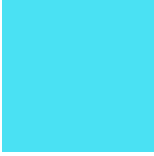
This preview shows how white text looks on a background with the Hex color 16E9B7.

# 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**  
4AE1F3

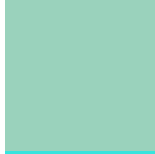
# Trichromacy



**Original Color**  
16E9B7



**Protanomaly**  
91D7AD

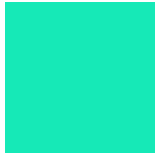


**Deuteranomaly**  
9AD2BC

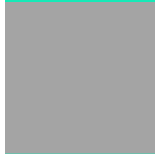


**Tritanomaly**  
37E4DD

# Monochromacy



**Original Color**  
16E9B7



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
70BDAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16E9B7 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 #16E9B7 looks like.

```
.text, #text, p{  
    color:#16E9B7  
}
```

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 #16E9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16E9B7
}
```

## Border

The CSS property to change the border of an element to Hex 16E9B7 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
#16E9B7 }
```

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

```
.border{ border-color:#16E9B7 }
```

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

Here you see how a box with a 4 pixel #16E9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16E9B7; -webkit-box-shadow:4px 4px  
4px 4px #16E9B7; box-shadow:4px 4px 4px  
4px #16E9B7 }
```

# Background

The CSS property to change the background color of an element to Hex 16E9B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16E9B7 }
```

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

```
.background{ background-color:#16E9B7 }
```

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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