

Converting Colors

Hex(16E998)

Have a look what the booklet for
Hex(16E998) contains.

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Color

Hex(16E998)

Conversions

Conversions Part 1

Format	Color
Hex	16E998
RGB	22, 233, 152
RGB Percent	9%, 91%, 60%
CMY	0.9137, 0.0863, 0.4039
CMYK	0.91, 0.00, 0.35, 0.09
HSL	157°, 83%, 50%
HSV	157°, 91%, 91%
XYZ	35.1373, 60.7154, 39.5731
YIQ	160.6770, -99.7550, -69.9230

Conversions

Conversions Part 2

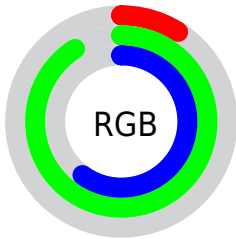
Format	Color
R_{YB}	22, 153, 233
Decimal	1501592
CIE Lab	82.23, -64.54, 26.63
CIE LCh	82, 69.812, 157.580
Yxy	60.7154, 0.2595, 0.4483
Android (android.graphics.Color)	4279691672 (0xFF16E998)
YUV	160.6770, -4.2778, -121.6197
Hunter-Lab	77.9201, -55.8674, 24.4326

Details

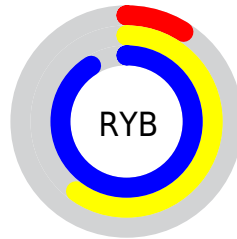
The Hex color **16E998** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **E91667**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **72FFCF**, and **00B064** is the 20% darker color. If you saturate the color by 10%, you get **00E990**, and if you desaturate by 10%, it is **2DE9A1**.

Distribution



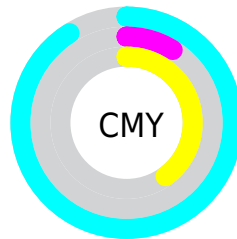
- Red (9%)
- Green (91%)
- Blue (60%)



- Red (9%)
- Yellow (60%)
- Blue (91%)



- Cyan (91%)
- Magenta (0%)
- Yellow (35%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16E998 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 16E998 by changing the saturation by 10% instead.

 16E998

 16E998

FFFFFF

 00CC7E

 72FFCF

 00B064

 93FFEB

 00944C

 B3FFFF

 007934


 D2FFFF

 005F1D

 F2FFFF

 004506

 002E00

 000F00

 000000

 16E998

 16E998

 00E990

 2DE9A1

 45E9AA

 5CE9B3

 73E9BC

 8BE9C5

 A2E9CE

 B9E9D7

 D0E9E0

 E8E9E9

Harmonies

Analogous

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



9BDF5E



16E998



00EDDC

Triad

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



16E998



69CEFF



FF9E80

Complementary

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



16E998



E91667

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.



FF91BE



16E998



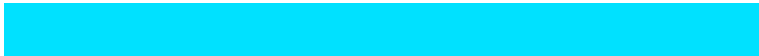
E6B4FF

Square

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



16E998



00E1FF



FF9BFF



FFB750

Rectangle

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



16E998



00ECFF



FF9BFF



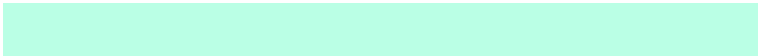
FF9794

Sweetspot

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



16E998



BAFFE5



6AE916



578070



000000



808080

Same Dimension

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



16E998



00FF9D



16D4E9



6A7571



00B570



003621

Inverse Universe

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



E91667



FF0062



E92B16



756A6E



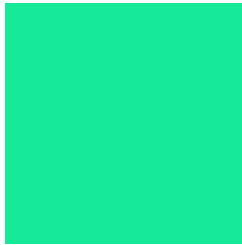
B50046



360015

Previews

White Background



This preview shows how the Hex color 16E998 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 16E998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

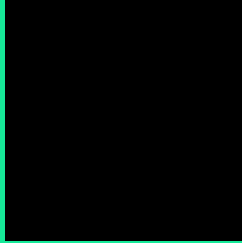
Any Text WCAG AA ✓ Pass

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 16E998 Background



This preview shows how black text looks on a background with the Hex color 16E998.

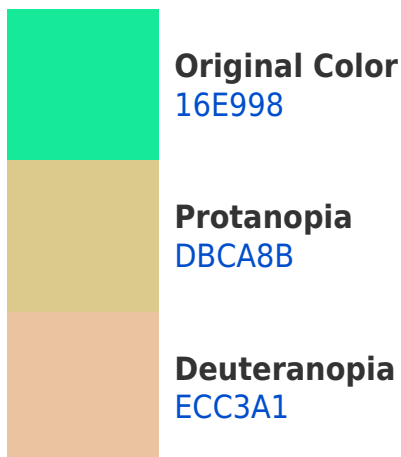


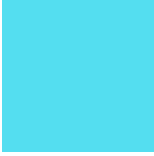
This preview shows how white text looks on a background with the Hex color 16E998.

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
54DEF0

Trichromacy



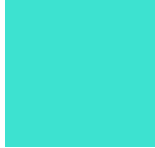
Original Color
16E998



Protanomaly
93D590



Deuteranomaly
9ED19E



Tritanomaly
3DE2D0

Monochromacy



Original Color
16E998



Achromatopsia
A1A1A1



Achromatomaly
6EBB9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 16E998 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 #16E998 looks like.

```
.text, #text, p{  
    color:#16E998  
}
```

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 #16E998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16E998
}
```

Border

The CSS property to change the border of an element to Hex 16E998 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
#16E998 }
```

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

```
.border{ border-color:#16E998 }
```

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

Here you see how a box with a 4 pixel #16E998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16E998; -webkit-box-shadow:4px 4px  
4px 4px #16E998; box-shadow:4px 4px 4px  
4px #16E998 }
```

Background

The CSS property to change the background color of an element to Hex 16E998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16E998 }
```

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

```
.background{ background-color:#16E998 }
```

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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