

# Converting Colors

Hex(16CB98)

Have a look what the booklet for  
Hex(16CB98) contains.

|  |    |
|--|----|
| <b>Hex(16CB98)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(16CB98)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 16CB98                       |
| RGB         | 22, 203, 152                 |
| RGB Percent | 9%, 80%, 60%                 |
| CMY         | 0.9137, 0.2039, 0.4039       |
| CMYK        | 0.89, 0.00, 0.25, 0.20       |
| HSL         | 163°, 80%, 44%               |
| HSV         | 163°, 89%, 80%               |
| XYZ         | 27.3543, 45.1494, 36.9788    |
| YIQ         | 143.0670, -91.5050, -54.2330 |

# Conversions

## Conversions Part 2

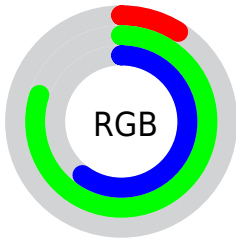
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">22, 127, 203</a>                    |
| Decimal                             | <a href="#">1493912</a>                         |
| CIELab                              | <a href="#">72.99, -53.46, 13.89</a>            |
| CIELCh                              | <a href="#">73, 55.239, 165.433</a>             |
| Yxy                                 | <a href="#">45.1494, 0.2499,<br/>0.4124</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4279683992<br/>(0xFF16CB98)</a>     |
| YUV                                 | <a href="#">143.0670, 4.4040,<br/>-106.1758</a> |
| Hunter-Lab                          | <a href="#">67.1933, -44.9212,<br/>14.4060</a>  |

# Details

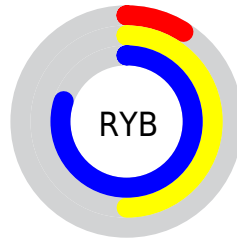
The Hex color **16CB98** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CB1649**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6AFFCE**, and **009465** is the 20% darker color. If you saturate the color by 10%, you get **02CB92**, and if you desaturate by 10%, it is **2ACB9E**.

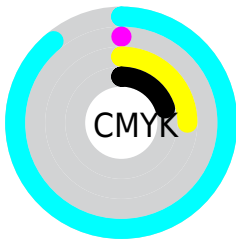
# Distribution



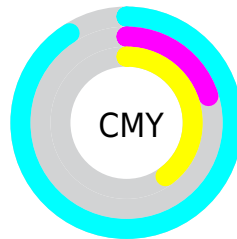
- Red (9%)
- Green (80%)
- Blue (60%)



- Red (9%)
- Yellow (50%)
- Blue (80%)



- Cyan (89%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (91%)
- Magenta (20%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16CB98 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 16CB98 by changing the saturation by 10% instead.



 16CB98

 16CB98

FFFFFF

 00AF7E

 6AFFCE

 009465

 8AFFEB

 00794D

 A9FFFF

 005F36

 C8FFFF

 004620

 E7FFFF

 002F0A

 001200

 000000

 16CB98

 16CB98

 02CB92

 2ACB9E

 00CB92

 3FCBA3

 53CBA9

 67CBAF

 7CCBB5

 90CBBA

 A4CBC0

 B8CBC6

 CDCBCB

# Harmonies

## Analogous

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



7EC469



16CB98



00CDCC

# Triad

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



16CB98



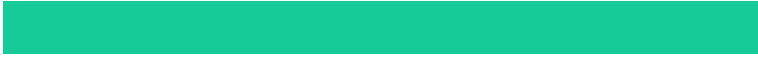
8CAFFF



FF956D

# Complementary

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



16CB98



CB1649

# 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.



FF889B



16CB98



D89BFB

# Square

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



16CB98



00C0FF



FF8BCE



E5A84F

# Rectangle

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



16CB98



00CBEC



FF8BCE



FF907B

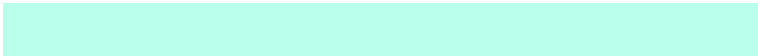


# Sweetspot

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



16CB98



BAFFEC



49CB16



578074



000000



808080



# Same Dimension

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



16CB98



00FFB7



16A4CB



5C6663



00A677



00261B



# Inverse Universe

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



CB1649



FF0048



CB3D16



665C5F



A6002F

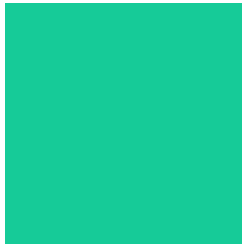


26000B



# Previews

## White Background



This preview shows how the Hex color 16CB98 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 16CB98 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

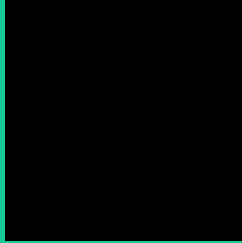
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 16CB98 Background



This preview shows how black text looks on a background with the Hex color 16CB98.

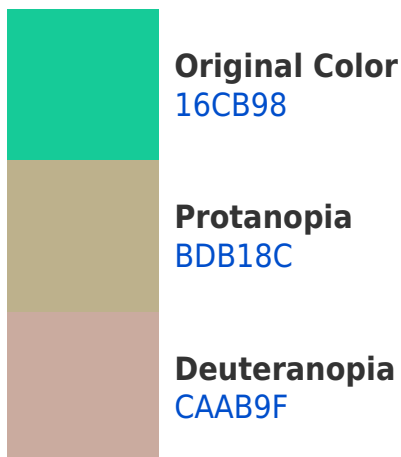


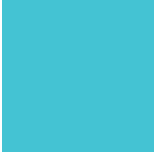
This preview shows how white text looks on a background with the Hex color 16CB98.

# 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**  
44C3D3

# Trichromacy



**Original Color**  
16CB98



**Protanomaly**  
80BA90



**Deuteranomaly**  
89B79C



**Tritanomaly**  
33C6BE

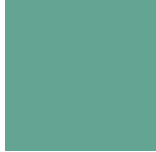
# Monochromacy



**Original Color**  
16CB98



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
63A592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16CB98 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 #16CB98 looks like.

```
.text, #text, p{  
    color:#16CB98  
}
```

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 #16CB98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16CB98
}
```

## Border

The CSS property to change the border of an element to Hex 16CB98 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
#16CB98 }
```

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

```
.border{ border-color:#16CB98 }
```

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

Here you see how a box with a 4 pixel #16CB98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16CB98; -webkit-box-shadow:4px 4px  
4px 4px #16CB98; box-shadow:4px 4px 4px  
4px #16CB98 }
```

# Background

The CSS property to change the background color of an element to Hex 16CB98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16CB98 }
```

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

```
.background{ background-color:#16CB98 }
```

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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