

Converting Colors

Hex(16DB9C)

Have a look what the booklet for
Hex(16DB9C) contains.

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Color

Hex(16DB9C)

Conversions

Conversions Part 1

Format	Color
Hex	16DB9C
RGB	22, 219, 156
RGB Percent	9%, 86%, 61%
CMY	0.9137, 0.1412, 0.3882
CMYK	0.90, 0.00, 0.29, 0.14
HSL	161°, 82%, 47%
HSV	161°, 90%, 86%
XYZ	31.6631, 53.2339, 40.0588
YIQ	152.9150, -97.1890, -61.3570

Conversions

Conversions Part 2

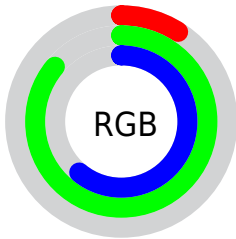
Format	Color
RYB	22, 139, 219
Decimal	1498012
CIELab	78.01, -58.62, 18.78
CIELCh	78, 61.553, 162.234
Yxy	53.2339, 0.2534, 0.4260
Android (android.graphics.Color)	4279688092 (0xFF16DB9C)
YUV	152.9150, 1.5209, -114.8125
Hunter-Lab	72.9616, -50.2191, 18.5205

Details

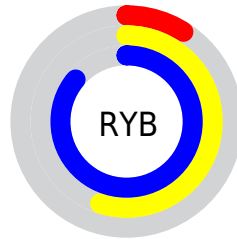
The Hex color **16DB9C** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DB1655**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6EFFD3**, and **00A369** is the 20% darker color. If you saturate the color by 10%, you get **00DB95**, and if you desaturate by 10%, it is **2CDBA3**.

Distribution



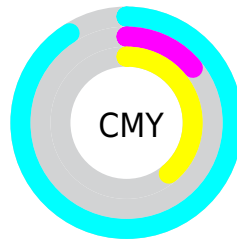
- Red (9%)
- Green (86%)
- Blue (61%)



- Red (9%)
- Yellow (55%)
- Blue (86%)



- Cyan (90%)
- Magenta (0%)
- Yellow (29%)
- Black (14%)



- Cyan (91%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16DB9C 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 16DB9C by changing the saturation by 10% instead.

 16DB9C

 16DB9C

FFFFFF

 00BE82

 6EFFD3

 00A369

 8FFFEF

 008750

 AEFFFF

 006D39

 CEFFFF

 005323

 EDFFFF

 003B0D

 002300

 000000

 16DB9C

 16DB9C

 00DB95

 2CDBA3

 42DBAA

 58DBB1

 6EDBB8

 84DBBF

 99DBC6

 AFDBCD

 C5DBD4

 DBDBDB

Harmonies

Analogous

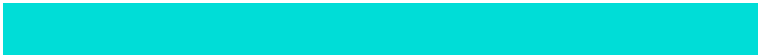
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CD368



16DB9C



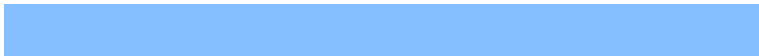
00DDD7

Triad

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



16DB9C



86BFFF



FF9C77

Complementary

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



16DB9C



DB1655

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.



FF8FAC



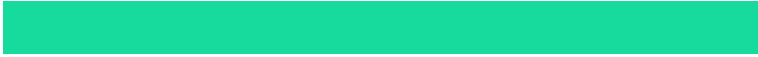
16DB9C



E3A8FF

Square

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



16DB9C



00D0FF



FF94E5



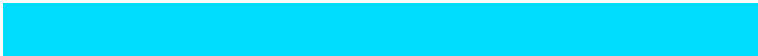
FDB251

Rectangle

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



16DB9C



00DCFC



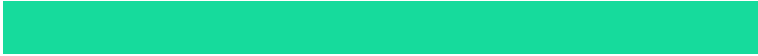
FF94E5



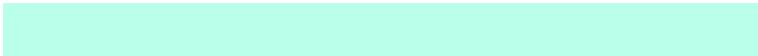
FF9687

Sweetspot

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



16DB9C



BAFFE9



58DB16



578072



000000



808080

Same Dimension

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



16DB9C



00FFAD



16BADB



636E6A



00AD76



002E1F

Inverse Universe

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



DB1655



FF0052



DB3716



6E6366



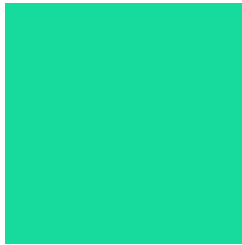
AD0037



2E000F

Previews

White Background



This preview shows how the Hex color 16DB9C 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 16DB9C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

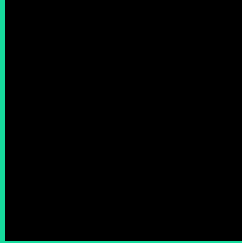
Any Text WCAG AA ✓ Pass

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 16DB9C Background



This preview shows how black text looks on a background with the Hex color 16DB9C.

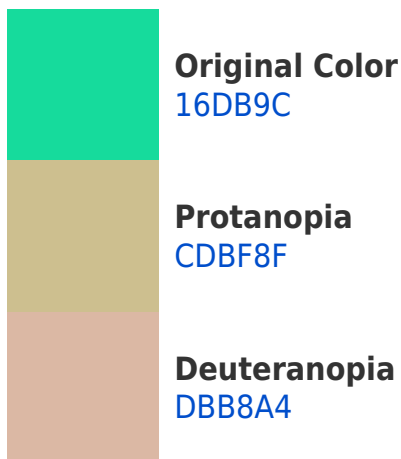


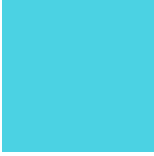
This preview shows how white text looks on a background with the Hex color 16DB9C.

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](#).

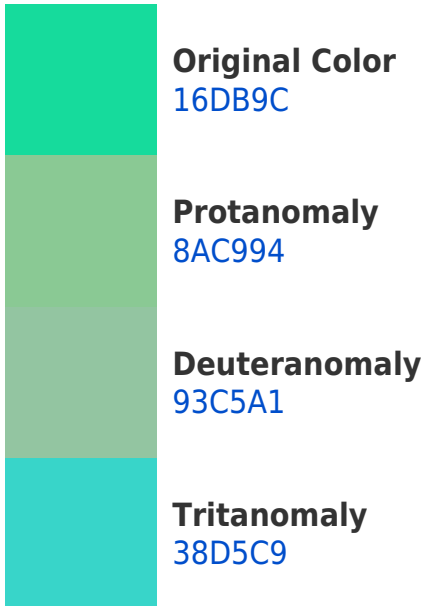
Dichromacy





Tritanopia
4BD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16DB9C 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 #16DB9C looks like.

```
.text, #text, p{  
    color:#16DB9C  
}
```

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 #16DB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16DB9C
}
```

Border

The CSS property to change the border of an element to Hex 16DB9C 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
#16DB9C }
```

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

```
.border{ border-color:#16DB9C }
```

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

Here you see how a box with a 4 pixel #16DB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16DB9C; -webkit-box-shadow:4px 4px  
4px 4px #16DB9C; box-shadow:4px 4px 4px  
4px #16DB9C }
```

Background

The CSS property to change the background color of an element to Hex 16DB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16DB9C }
```

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

```
.background{ background-color:#16DB9C }
```

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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