

Converting Colors

Hex(16C8C5)

Have a look what the booklet for
Hex(16C8C5) contains.

Hex(16C8C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(16C8C5)

Conversions

Conversions Part 1

Format	Color
Hex	16C8C5
RGB	22, 200, 197
RGB Percent	9%, 78%, 77%
CMY	0.9137, 0.2157, 0.2275
CMYK	0.89, 0.00, 0.01, 0.22
HSL	179°, 80%, 44%
HSV	179°, 89%, 78%
XYZ	31.0632, 45.5103, 59.9705
YIQ	146.4360, -105.1250, -38.6690

Conversions

Conversions Part 2

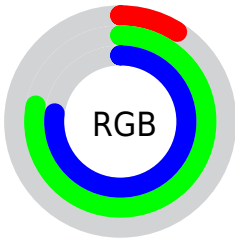
Format	Color
RYB	22, 112, 200
Decimal	1493189
CIELab	73.23, -40.19, -10.10
CIELCh	73, 41.441, 194.110
Yxy	45.5103, 0.2275, 0.3333
Android (android.graphics.Color)	4279683269 (0xFF16C8C5)
YUV	146.4360, 24.9281, -109.1304
Hunter-Lab	67.4614, -35.8654, -5.4835

Details

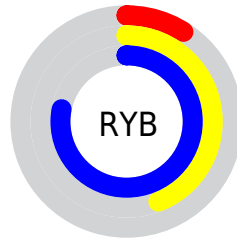
The Hex color **16C8C5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C81619**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6DFFFE**, and **00918F** is the 20% darker color. If you saturate the color by 10%, you get **02C8C5**, and if you desaturate by 10%, it is **2AC8C5**.

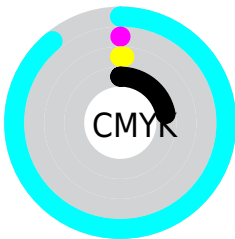
Distribution



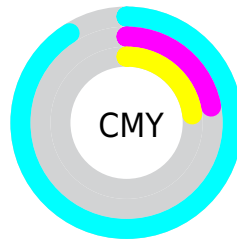
- Red (9%)
- Green (78%)
- Blue (77%)



- Red (9%)
- Yellow (44%)
- Blue (78%)



- Cyan (89%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (91%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16C8C5 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 16C8C5 by changing the saturation by 10% instead.

 16C8C5

 16C8C5

FFFFFF

 00ACAA

 6DFFFE

 00918F

 8EFFFF

 007776

 ADFFFF

 005E5D

 CCFFFF

 004546

 EBFFFF

 002E2F

 00141B

 000000

 16C8C5

 16C8C5

■ 02C8C5

■ 2AC8C5

■ 00C8C5

■ 3EC8C6

■ 52C8C6

■ 66C8C6

■ 7AC8C7

■ 8EC8C7

■ A2C8C7

■ B6C8C8

■ CAC8C8

Harmonies

Analogous

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



5FC79E



16C8C5



00C5E8

Triad

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



16C8C5



CFA3EB



DEAB6B

Complementary

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



16C8C5



C81619

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.



F69E81



16C8C5



F198CA

Square

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



16C8C5



99B1FD



FE96A3



BBB769

Rectangle

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



16C8C5



38C1F7



FE96A3



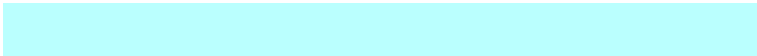
E7A670

Sweetspot

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



16C8C5



BAFFFE



1CC816



57807F



000000



808080

Same Dimension

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



16C8C5



00FFFB



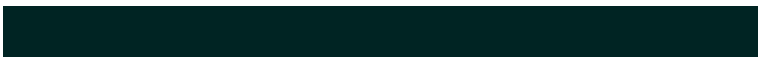
1675C8



5A6363



00A3A0



002423

Inverse Universe

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



C81619



FF0004



C86916



635A5A



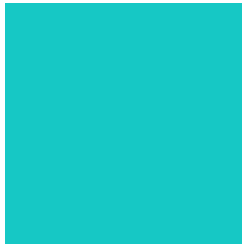
A30003



240001

Previews

White Background



This preview shows how the Hex color 16C8C5 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 16C8C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

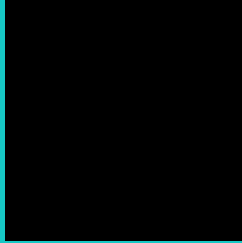
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

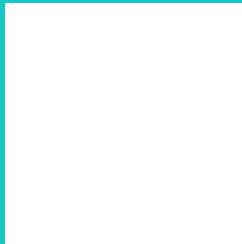
Any Text WCAG AAA ✓ Pass

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

Hex 16C8C5 Background



This preview shows how black text looks on a background with the Hex color 16C8C5.

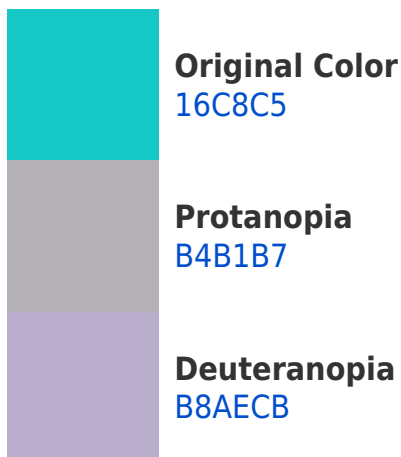


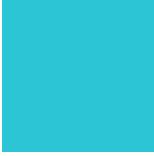
This preview shows how white text looks on a background with the Hex color 16C8C5.

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
2CC5D6

Trichromacy



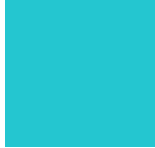
Original Color
16C8C5



Protanomaly
7BB9BC



Deuteranomaly
7DB7C9



Tritanomaly
24C6D0

Monochromacy



Original Color
16C8C5



Achromatopsia
929292



Achromatomaly
65A6A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 16C8C5 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 #16C8C5 looks like.

```
.text, #text, p{  
    color:#16C8C5  
}
```

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 #16C8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16C8C5
}
```

Border

The CSS property to change the border of an element to Hex 16C8C5 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
#16C8C5 }
```

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

```
.border{ border-color:#16C8C5 }
```

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

Here you see how a box with a 4 pixel #16C8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16C8C5; -webkit-box-shadow:4px 4px  
4px 4px #16C8C5; box-shadow:4px 4px 4px  
4px #16C8C5 }
```

Background

The CSS property to change the background color of an element to Hex 16C8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16C8C5 }
```

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

```
.background{ background-color:#16C8C5 }
```

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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