

Converting Colors

Hex(19CAC8)

Have a look what the booklet for
Hex(19CAC8) contains.

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Color

Hex(19CAC8)

Conversions

Conversions Part 1

Format	Color
Hex	19CAC8
RGB	25, 202, 200
RGB Percent	10%, 79%, 78%
CMY	0.9020, 0.2078, 0.2157
CMYK	0.88, 0.00, 0.01, 0.21
HSL	179°, 78%, 45%
HSV	179°, 88%, 79%
XYZ	31.9468, 46.6179, 61.9580
YIQ	148.8490, -104.8500, -38.1460

Conversions

Conversions Part 2

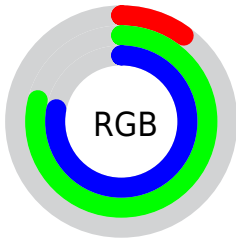
Format	Color
RYB	25, 114, 202
Decimal	1690312
CIELab	73.94, -40.05, -10.66
CIElCh	74, 41.443, 194.899
Yxy	46.6179, 0.2273, 0.3317
Android (android.graphics.Color)	4279880392 (0xFF19CAC8)
YUV	148.8490, 25.2174, -108.6156
Hunter-Lab	68.2773, -35.9655, -6.0084

Details

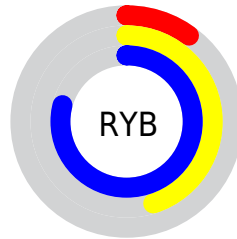
The Hex color **19CAC8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA191B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6FFFFFF**, and **009392** is the 20% darker color. If you saturate the color by 10%, you get **05CAC8**, and if you desaturate by 10%, it is **2DCAC8**.

Distribution



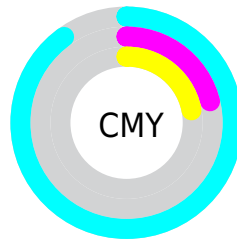
- Red (10%)
- Green (79%)
- Blue (78%)



- Red (10%)
- Yellow (45%)
- Blue (79%)



- Cyan (88%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (90%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19CAC8 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 19CAC8 by changing the saturation by 10% instead.

 19CAC8

 19CAC8

FFFFFF

 00AEAD


 6FFFFFF

 009392

 8FFFFFF

 007978

 AFFFFFF

 005F60

 CEFFFF


 004748

 EDFFFF

 002F32

 00171D

 000001

 000000

■ 19CAC8

■ 19CAC8

■ 05CAC8

■ 2DCAC8

■ 00CAC8

■ 41CAC8

■ 56CAC9

■ 6ACAC9

■ 7ECAC9

■ 92CAC9

■ A6CACA

■ BBCACA

■ CFCACA

Harmonies

Analogous

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



5FC9A1



19CAC8



00C7EA

Triad

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



19CAC8



D2A5EC



DFAD6C

Complementary

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



19CAC8



CA191B

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.



F8A082



19CAC8



F49ACB

Square

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



19CAC8



9DB3FF



FF98A4



BCBA6B

Rectangle

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



19CAC8



3EC2FA



FF98A4



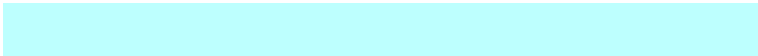
E9A872

Sweetspot

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



19CAC8



BDFFFE



1CCA19



58807F



000000



808080

Same Dimension

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



19CAC8



00FFFC



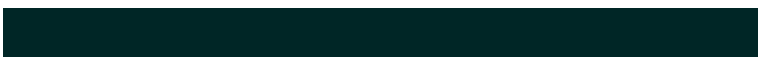
1974CA



5C6666



00A6A4



002626

Inverse Universe

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



CA191B



FF0003



CA6F19



665C5C



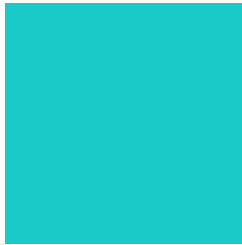
A60002



260000

Previews

White Background



This preview shows how the Hex color 19CAC8 looks on a white background.

Color Contrast Check

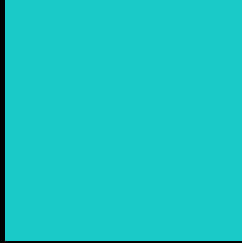
Large Text (above 18pt) WCAG AA × Fail

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 19CAC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

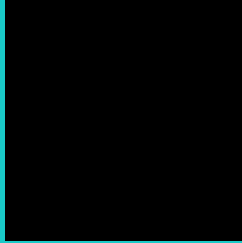
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

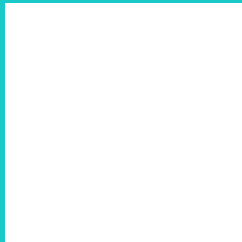
Any Text WCAG AAA ✓ Pass

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

Hex 19CAC8 Background



This preview shows how black text looks on a background with the Hex color 19CAC8.



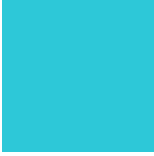
This preview shows how white text looks on a background with the Hex color 19CAC8.

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
2DC8D8

Trichromacy



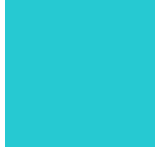
Original Color
19CAC8



Protanomaly
7DBBBF



Deuteranomaly
7FB9CC



Tritanomaly
26C9D2

Monochromacy



Original Color
19CAC8



Achromatopsia
959595



Achromatomaly
68A8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 19CAC8 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 #19CAC8 looks like.

```
.text, #text, p{  
    color:#19CAC8  
}
```

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 #19CAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19CAC8
}
```

Border

The CSS property to change the border of an element to Hex 19CAC8 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
#19CAC8 }
```

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

```
.border{ border-color:#19CAC8 }
```

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

Here you see how a box with a 4 pixel #19CAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19CAC8; -webkit-box-shadow:4px 4px  
4px 4px #19CAC8; box-shadow:4px 4px 4px  
4px #19CAC8 }
```

Background

The CSS property to change the background color of an element to Hex 19CAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19CAC8 }
```

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

```
.background{ background-color:#19CAC8 }
```

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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