

Converting Colors

Hex(18CE94)

Have a look what the booklet for
Hex(18CE94) contains.

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Color

Hex(18CE94)

Conversions

Conversions Part 1

Format	Color
Hex	18CE94
RGB	24, 206, 148
RGB Percent	9%, 81%, 58%
CMY	0.9059, 0.1922, 0.4196
CMYK	0.88, 0.00, 0.28, 0.19
HSL	161°, 79%, 45%
HSV	161°, 88%, 81%
XYZ	27.7933, 46.4749, 35.5227
YIQ	144.9700, -89.8540, -56.6220

Conversions

Conversions Part 2

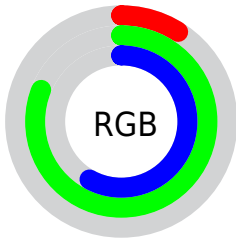
Format	Color
RYB	24, 132, 206
Decimal	1625748
CIELab	73.85, -55.42, 17.24
CIELCh	74, 58.042, 162.725
Yxy	46.4749, 0.2531, 0.4233
Android (android.graphics.Color)	4279815828 (0xFF18CE94)
YUV	144.9700, 1.4938, -106.0907
Hunter-Lab	68.1725, -46.5291, 16.8265

Details

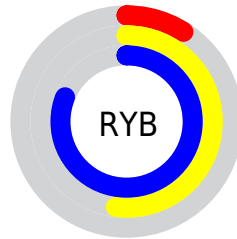
The Hex color **18CE94** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CE1852**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6CFFCA**, and **009661** is the 20% darker color. If you saturate the color by 10%, you get **03CE8D**, and if you desaturate by 10%, it is **2DCE9B**.

Distribution



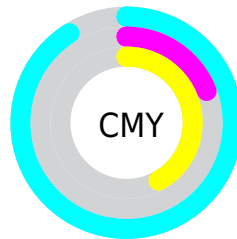
- Red (9%)
- Green (81%)
- Blue (58%)



- Red (9%)
- Yellow (52%)
- Blue (81%)



- Cyan (88%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)




- Cyan (91%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18CE94 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 18CE94 by changing the saturation by 10% instead.

 18CE94

 18CE94

FFFFFF

 00B27A


 6CFFCA

 009661

 8CFFE6

 007C49

 ABFFFF

 006232

 C9FFFF

 00481D

 E8FFFF

 003105

 001600

 000000

 18CE94

 18CE94

03CE8D

2DCE9B

00CE8C

41CEA1

56CEA8

6ACEAE

7FCEB5

94CEBB

A8CEC2

BDCEC9

D1CECF

Harmonies

Analogous

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



83C764



18CE94



00D0CB

Triad

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



18CE94



81B3FF



FF9470

Complementary

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



18CE94



CE1852

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.



FF87A1



18CE94



D79EFF

Square

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



18CE94



00C4FF



FF8CD6



EDA84D

Rectangle

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



18CE94



00CFEE



FF8CD6



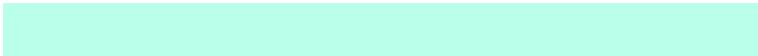
FF8E7F

Sweetspot

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



18CE94



BAFFE9



55CE18



578072



000000



808080

Same Dimension

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



18CE94



00FFAE



18B0CE



5C6663



00A671



00261A

Inverse Universe

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



CE1852



FF0051



CE3618



665C5F



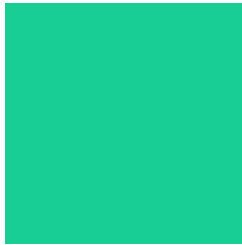
A60035



26000C

Previews

White Background



This preview shows how the Hex color 18CE94 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 18CE94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

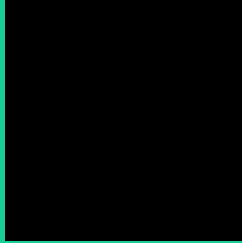
Any Text WCAG AA ✓ Pass

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 18CE94 Background



This preview shows how black text looks on a background with the Hex color 18CE94.

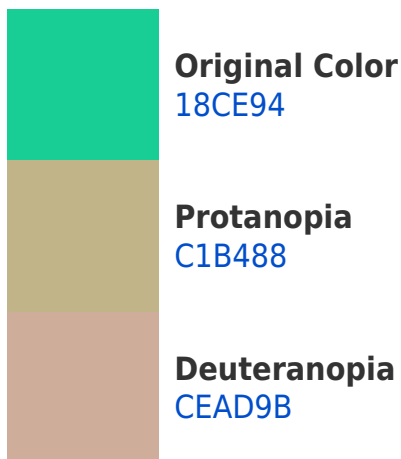


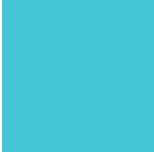
This preview shows how white text looks on a background with the Hex color 18CE94.

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
47C6D6

Trichromacy



Original Color
18CE94



Protanomaly
84BD8C



Deuteranomaly
8CB998



Tritanomaly
36C9BE

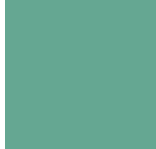
Monochromacy



Original Color
18CE94



Achromatopsia
919191



Achromatomaly
65A792

CSS Examples

Text

The CSS property to change the color of the text to Hex 18CE94 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 #18CE94 looks like.

```
.text, #text, p{  
    color:#18CE94  
}
```

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 #18CE94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18CE94
}
```

Border

The CSS property to change the border of an element to Hex 18CE94 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
#18CE94 }
```

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

```
.border{ border-color:#18CE94 }
```

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

Here you see how a box with a 4 pixel #18CE94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18CE94; -webkit-box-shadow:4px 4px  
4px 4px #18CE94; box-shadow:4px 4px 4px  
4px #18CE94 }
```

Background

The CSS property to change the background color of an element to Hex 18CE94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18CE94 }
```

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

```
.background{ background-color:#18CE94 }
```

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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