

Converting Colors

Hex(18E59F)

Have a look what the booklet for
Hex(18E59F) contains.

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Color

Hex(18E59F)

Conversions

Conversions Part 1

Format	Color
Hex	18E59F
RGB	24, 229, 159
RGB Percent	9%, 90%, 62%
CMY	0.9059, 0.1020, 0.3765
CMYK	0.90, 0.00, 0.31, 0.10
HSL	160°, 81%, 50%
HSV	160°, 90%, 90%
XYZ	34.6540, 58.7360, 42.3116
YIQ	159.7250, -99.7100, -65.2300

Conversions

Conversions Part 2

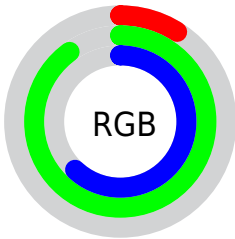
Format	Color
R _Y B	24, 148, 229
Decimal	1631647
CIE Lab	81.15, -61.54, 21.55
CIE LCh	81, 65.199, 160.703
Yxy	58.7360, 0.2554, 0.4328
Android (android.graphics.Color)	4279821727 (0xFF18E59F)
YUV	159.7250, -0.3574, -119.0308
Hunter-Lab	76.6394, -53.4067, 20.9144

Details

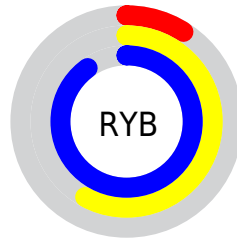
The Hex color **18E59F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E5185E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **71FFD6**, and **00AC6B** is the 20% darker color. If you saturate the color by 10%, you get **01E597**, and if you desaturate by 10%, it is **2FE5A7**.

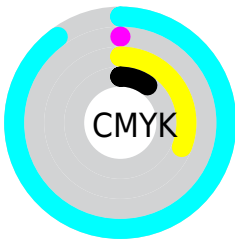
Distribution



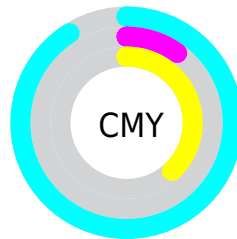
- Red (9%)
- Green (90%)
- Blue (62%)



- Red (9%)
- Yellow (58%)
- Blue (90%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (91%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18E59F 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 18E59F by changing the saturation by 10% instead.

 18E59F

 18E59F

FFFFFF

 00C885

 71FFD6

 00AC6B

 92FFF2

 009153

 B2FFFF

 00763B

 D2FFFF

 005C25

 F1FFFF

 00420F

 002B00

 000800

 000000

 18E59F

 18E59F

 01E597

 2FE5A7

 00E597

 46E5AF

 5DE5B6

 74E5BE

 8BE5C6

 A1E5CE

 B8E5D6

 CFE5DE

 E6E5E5

Harmonies

Analogous

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



94DC68



18E59F



00E8DE

Triad

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



18E59F



83C9FF



FFA17D

Complementary

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



18E59F



E5185E

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.



FF93B6



18E59F



EAB0FF

Square

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



18E59F



00DBFF



FF9AF3



FFB853

Rectangle

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



18E59F



00E7FF



FF9AF3



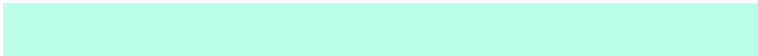
FF9B8F

Sweetspot

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



18E59F



BAFFE7



60E518



578072



000000



808080

Same Dimension

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



18E59F



00FFA8



18C6E5



67736F



00B376



003322

Inverse Universe

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



E5185E



FF0057



E53718



73676B



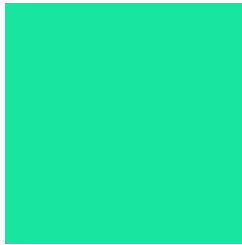
B3003D



330011

Previews

White Background



This preview shows how the Hex color 18E59F 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 18E59F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

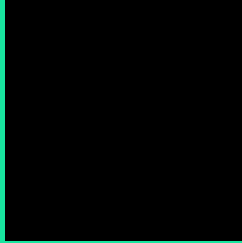
Any Text WCAG AA ✓ Pass

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 18E59F Background



This preview shows how black text looks on a background with the Hex color 18E59F.

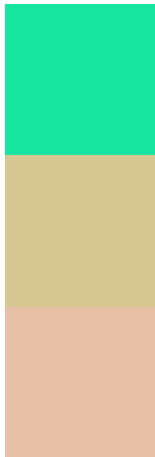


This preview shows how white text looks on a background with the Hex color 18E59F.

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](#).

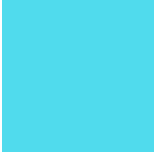
Dichromacy



Original Color
18E59F

Protanopia
D7C792

Deuteranopia
E6C0A7



Tritanopia
50DBED

Trichromacy



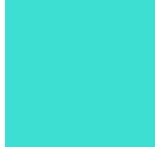
Original Color
18E59F



Protanomaly
92D297

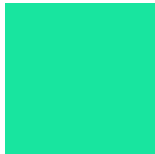


Deuteranomaly
9BCDA4

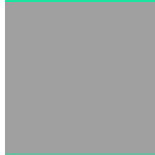


Tritanomaly
3CDFD1

Monochromacy



Original Color
18E59F



Achromatopsia
A0A0A0



Achromatomaly
6FB9A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 18E59F 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 #18E59F looks like.

```
.text, #text, p{  
    color:#18E59F  
}
```

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 #18E59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18E59F
}
```

Border

The CSS property to change the border of an element to Hex 18E59F 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
#18E59F }
```

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

```
.border{ border-color:#18E59F }
```

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

Here you see how a box with a 4 pixel #18E59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18E59F; -webkit-box-shadow:4px 4px  
4px 4px #18E59F; box-shadow:4px 4px 4px  
4px #18E59F }
```

Background

The CSS property to change the background color of an element to Hex 18E59F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18E59F }
```

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

```
.background{ background-color:#18E59F }
```

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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