

Converting Colors

Hex(18F9E8)

Have a look what the booklet for
Hex(18F9E8) contains.

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Color

Hex(18F9E8)

Conversions

Conversions Part 1

Format	Color
Hex	18F9E8
RGB	24, 249, 232
RGB Percent	9%, 98%, 91%
CMY	0.9059, 0.0235, 0.0902
CMYK	0.90, 0.00, 0.07, 0.02
HSL	175°, 95%, 54%
HSV	175°, 90%, 98%
XYZ	48.8179, 73.7717, 88.0103
YIQ	179.7870, -128.6430, -52.9870

Conversions

Conversions Part 2

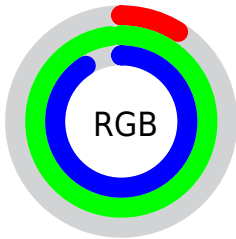
Format	Color
R _Y B	24, 141, 249
Decimal	1636840
CIE Lab	88.81, -51.37, -5.59
CIE LCh	89, 51.669, 186.210
Yxy	73.7717, 0.2318, 0.3503
Android (android.graphics.Color)	4279826920 (0xFF18F9E8)
YUV	179.7870, 25.7410, -136.6252
Hunter-Lab	85.8905, -48.8537, -0.6300

Details

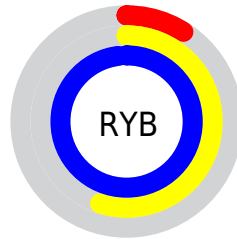
The Hex color **18F9E8** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F91829**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **7AFFFF**, and **00C0B0** is the 20% darker color. If you saturate the color by 10%, you get **00F9E6**, and if you desaturate by 10%, it is **31F9EA**.

Distribution



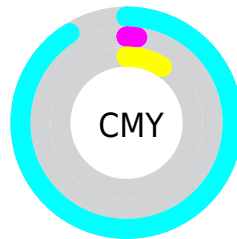
- Red (9%)
- Green (98%)
- Blue (91%)



- Red (9%)
- Yellow (55%)
- Blue (98%)



- Cyan (90%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (91%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18F9E8 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 18F9E8 by changing the saturation by 10% instead.

 18F9E8

 18F9E8

FFFFFF

 00DCCC

 7AFFFF

 00C0B0

 9CFFFF

 00A496

 BEFFFF


 00897C

 DEFFFF

 006E63

FEFFFF

 00554B

 003C35

 002620

 000009

■ 18F9E8

■ 18F9E8

■ 00F9E6

■ 31F9EA

■ 4AF9EC

■ 63F9EE

■ 7CF9F0

■ 94F9F1

■ ADF9F3

■ C6F9F5

■ DFF9F7

■ F8F9F9

Harmonies

Analogous

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



81F6B6



18F9E8



00F7FF

Triad

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



18F9E8



F2CEFF



FFCE85

Complementary

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



18F9E8



F91829

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.



FFBEA7



18F9E8



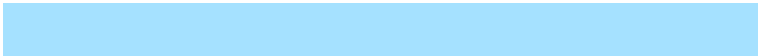
FFBEFF

Square

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



18F9E8



A5E1FF



FFB7D7



F4DF7B

Rectangle

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



18F9E8



00F2FF



FFB7D7



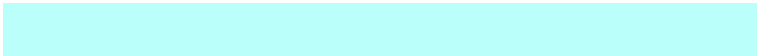
FFC98F

Sweetspot

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



18F9E8



BAFFFA



2BF918



57807C



000000



808080

Same Dimension

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



18F9E8



00FFEC



189BF9



707D7C



00BDAE



003D39

Inverse Universe

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



F91829



FF0013



F97618



7D7071



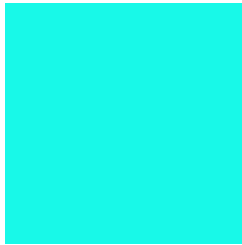
BD000E



3D0005

Previews

White Background



This preview shows how the Hex color 18F9E8 looks on a white background.

Color Contrast Check

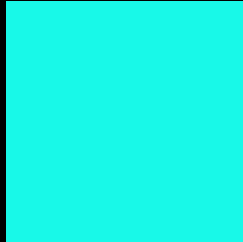
Large Text (above 18pt) WCAG AA × Fail

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 18F9E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

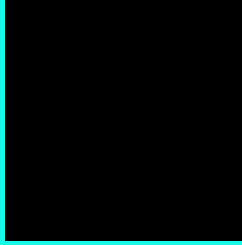
Any Text WCAG AA ✓ Pass

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 18F9E8 Background



This preview shows how black text looks on a background with the Hex color 18F9E8.

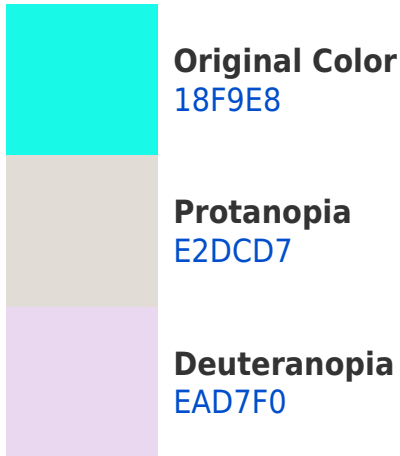


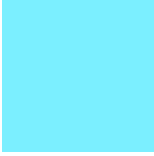
This preview shows how white text looks on a background with the Hex color 18F9E8.

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



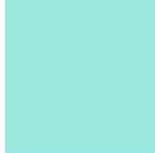


Tritanopia
7BEFFF

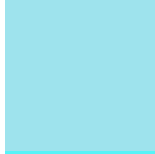
Trichromacy



Original Color
18F9E8



Protanomaly
99E7DD



Deuteranomaly
9EE3ED

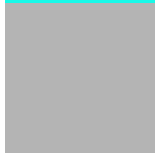


Tritanomaly
57F3F7

Monochromacy



Original Color
18F9E8



Achromatopsia
B4B4B4



Achromatomaly
7BCDC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 18F9E8 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 #18F9E8 looks like.

```
.text, #text, p{  
    color:#18F9E8  
}
```

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 #18F9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18F9E8
}
```

Border

The CSS property to change the border of an element to Hex 18F9E8 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
#18F9E8 }
```

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

```
.border{ border-color:#18F9E8 }
```

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

Here you see how a box with a 4 pixel #18F9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18F9E8; -webkit-box-shadow:4px 4px  
4px 4px #18F9E8; box-shadow:4px 4px 4px  
4px #18F9E8 }
```

Background

The CSS property to change the background color of an element to Hex 18F9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18F9E8 }
```

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

```
.background{ background-color:#18F9E8 }
```

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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