

# Converting Colors

Hex(19F8F8)

Have a look what the booklet for  
Hex(19F8F8) contains.

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# Color

**Hex(19F8F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19F8F8
RGB	25, 248, 248
RGB Percent	10%, 97%, 97%
CMY	0.9020, 0.0275, 0.0275
CMYK	0.90, 0.00, 0.00, 0.03
HSL	180°, 94%, 54%
HSV	180°, 90%, 97%
XYZ	50.9116, 74.1188, 100.4300
YIQ	181.3230, -132.9080, -47.2760

# Conversions

## Conversions Part 2

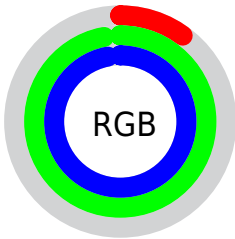
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 137, 248
Decimal	1702136
CIE Lab	88.98, -46.43, -13.69
CIE LCh	89, 48.404, 196.425
Yxy	74.1188, 0.2258, 0.3287
Android (android.graphics.Color)	4279892216 (0xFF19F8F8)
YUV	181.3230, 32.8718, -137.0953
Hunter-Lab	86.0923, -45.1036, -8.8995

# Details

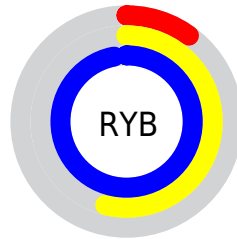
The Hex color **19F8F8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F81919**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **7CFFFF**, and **00BFC0** is the 20% darker color. If you saturate the color by 10%, you get **00F8F8**, and if you desaturate by 10%, it is **32F8F8**.

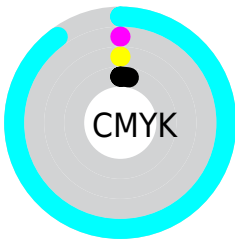
# Distribution



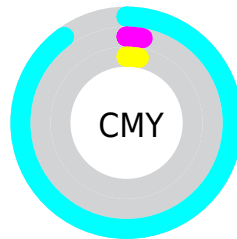
- Red (10%)
- Green (97%)
- Blue (97%)



- Red (10%)
- Yellow (54%)
- Blue (97%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (90%)
- Magenta (3%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19F8F8 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 19F8F8 by changing the saturation by 10% instead.



 19F8F8

 19F8F8

FFFFFF

 00DBDB

 7CFFFF

 00BFC0

 9EFFFF

 00A3A5

 C0FFFF

 00888A

 E0FFFF

 006E71

 005558

 003C41

 00262B

 000117

 19F8F8

 19F8F8

 00F8F8

 32F8F8

 4BF8F8

 63F8F8

 7CF8F8

 95F8F8

 AEF8F8

 C7F8F8

 DFF8F8

 F8F8F8

# Harmonies

## Analogous

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



73F7C8



19F8F8



00F4FF

# Triad

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



19F8F8



FFCAFF



FFD586

# Complementary

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



19F8F8



F81919

# 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.



FFC69F



19F8F8



FFBEF6

# Square

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



19F8F8



C5DBFF



FFBCC8



E4E585

# Rectangle

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



19F8F8



53EEFF



FFBCC8



FFD08C

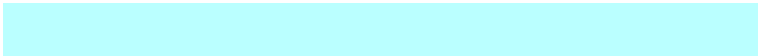


# Sweetspot

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



19F8F8



BAFFFF



19F819



578080



000000



808080



# Same Dimension

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



19F8F8



00FFFF



1989F8



707D7D



00BDBD



003D3D



# Inverse Universe

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



F819F8



FF00FF



F88919



7D707D



BD00BD

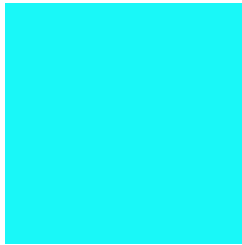


3D003D



# Previews

## White Background



This preview shows how the Hex color 19F8F8 looks on a white background.

## Color Contrast Check

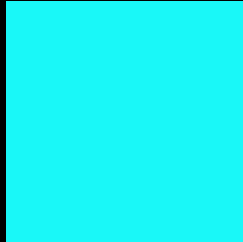
Large Text (above 18pt) WCAG AA × Fail

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 19F8F8 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 19F8F8 Background



This preview shows how black text looks on a background with the Hex color 19F8F8.

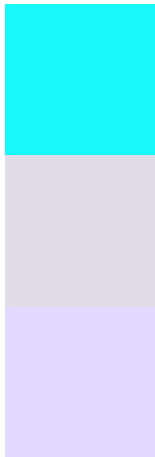


This preview shows how white text looks on a background with the Hex color 19F8F8.

# 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](#).

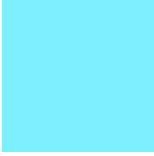
## Dichromacy



**Original Color**  
19F8F8

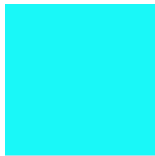
**Protanopia**  
DFDCE7

**Deuteranopia**  
E3D8FF

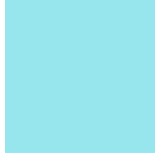


**Tritanopia**  
7DF0FF

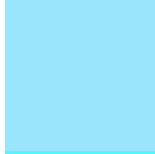
# Trichromacy



**Original Color**  
19F8F8



**Protanomaly**  
97E6ED



**Deuteranomaly**  
9AE4FC

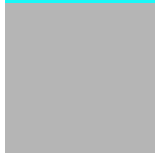


**Tritanomaly**  
59F3FC

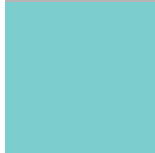
# Monochromacy



**Original Color**  
19F8F8



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
7CCDCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19F8F8 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 #19F8F8 looks like.

```
.text, #text, p{  
    color:#19F8F8  
}
```

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 #19F8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19F8F8
}
```

## Border

The CSS property to change the border of an element to Hex 19F8F8 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
#19F8F8 }
```

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

```
.border{ border-color:#19F8F8 }
```

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

Here you see how a box with a 4 pixel #19F8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19F8F8; -webkit-box-shadow:4px 4px  
4px 4px #19F8F8; box-shadow:4px 4px 4px  
4px #19F8F8 }
```

# Background

The CSS property to change the background color of an element to Hex 19F8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19F8F8 }
```

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

```
.background{ background-color:#19F8F8 }
```

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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