

Converting Colors

Hex(9CFE8)

Have a look what the booklet for
Hex(9CFE8) contains.

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Color

Hex(9CEFE8)

Conversions

Conversions Part 1

Format	Color
Hex	9CFE8
RGB	156, 239, 232
RGB Percent	61%, 94%, 91%
CMY	0.3882, 0.0627, 0.0902
CMYK	0.35, 0.00, 0.03, 0.06
HSL	175°, 72%, 77%
HSV	175°, 35%, 94%
XYZ	59.1423, 74.6271, 87.6313
YIQ	213.3850, -47.2210, -19.7730

Conversions

Conversions Part 2

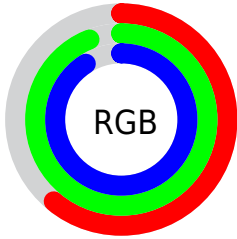
Format	Color
RYB	156, 199, 239
Decimal	10285032
CIELab	89.22, -26.66, -4.63
CIElCh	89, 27.060, 189.842
Yxy	74.6271, 0.2671, 0.3371
Android (android.graphics.Color)	4288475112 (0xFF9CEFE8)
YUV	213.3850, 9.1772, -50.3266
Hunter-Lab	86.3870, -28.9725, 0.3269

Details

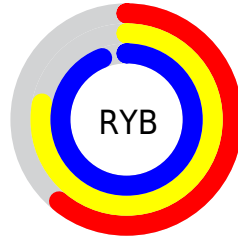
The Hex color **9CEFE8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EF9CA3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D5FFFF**, and **64B7B0** is the 20% darker color. If you saturate the color by 10%, you get **84EFE6**, and if you desaturate by 10%, it is **B4EFEA**.

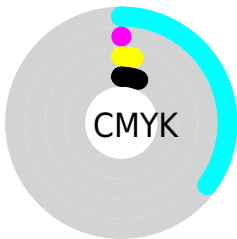
Distribution



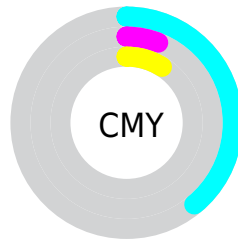
- Red (61%)
- Green (94%)
- Blue (91%)



- Red (61%)
- Yellow (78%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (39%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CEFE8 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 9CEFE8 by changing the saturation by 10% instead.

 9CEFE8

FFFFFF

 D5FFFF

 F3FFFF

 9CEFE8

 80D3CC

 64B7B0

 489C96

 2B817C

 006863

 00504B

 003835

 002320

 000008

 9CFE8

 9CEFE8

 84EFE6

 B4EFEA

 6CFE4

 CCEFEC

 54EFE2

 E4EFEE

 3CFE0

 FCEFF0

 25EFDE

 FFEFF2

 0DEFDC

 FFEFF4

 00EFDB

 FFEFF6

 FFEFF8

 FFEFFA

Harmonies

Analogous

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



B1EDCE



9CFE8



99EDFF

Triad

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



9CFE8



EFD7FF



FFD9B0

Complementary

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



9CFE8



EF9CA3

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.



FFD1C0



9CEFE8



FFD0F3

Square

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



9CFE8



CDE0FF



FFCED8



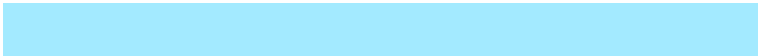
EBE1AD

Rectangle

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



9CFE8



A3EAF



FFCED8



FFD6B4

Sweetspot

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



9CFE8



E6FFFD



A4EF9C



70807E



000000



808080

Same Dimension

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



9CEFE8



94FFF6



9CCEEF



6C7877



00B8A8



003833

Inverse Universe

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



EF9CA3



FF949D



EFBD9C



786C6D



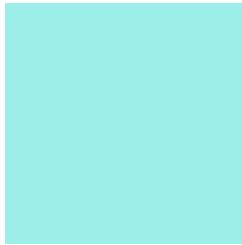
B8000F



380005

Previews

White Background



This preview shows how the Hex color 9CFE8 looks on a white background.

Color Contrast Check

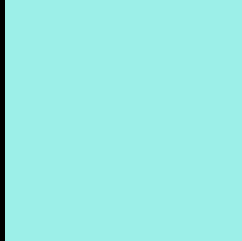
Large Text (above 18pt) WCAG AA × Fail

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 9CFE8 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 9CFE8 Background



This preview shows how black text looks on a background with the Hex color 9CFE8.



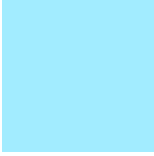
This preview shows how white text looks on a background with the Hex color 9CFE8.

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



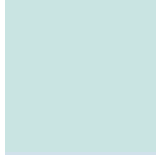


Tritanopia
A2ECFF

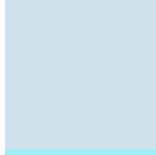
Trichromacy



Original Color
9CEFE8



Protanomaly
C9E4E2



Deuteranomaly
D1E1EB

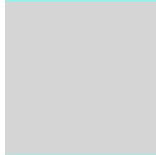


Tritanomaly
A0EDF7

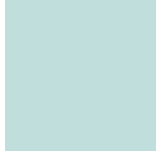
Monochromacy



Original Color
9CEFE8



Achromatopsia
D5D5D5



Achromatomaly
C0DEDC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CFE8 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 #9CFE8 looks like.

```
.text, #text, p{  
    color:#9CFE8  
}
```

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 #9CFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFE8  
}
```

Border

The CSS property to change the border of an element to Hex 9CFE8 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  
#9CFE8 }
```

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

```
.border{ border-color:#9CFE8 }
```

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

Here you see how a box with a 4 pixel #9CFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFE8; -webkit-box-shadow:4px 4px  
4px 4px #9CFE8; box-shadow:4px 4px 4px  
4px #9CFE8 }
```

Background

The CSS property to change the background color of an element to Hex 9CFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFE8 }
```

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

```
.background{ background-color:#9CFE8 }
```

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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