

Converting Colors

Hex(9EF5E8)

Have a look what the booklet for
Hex(9EF5E8) contains.

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Color

Hex(9EF5E8)

Conversions

Conversions Part 1

Format	Color
Hex	9EF5E8
RGB	158, 245, 232
RGB Percent	62%, 96%, 91%
CMY	0.3804, 0.0392, 0.0902
CMYK	0.36, 0.00, 0.05, 0.04
HSL	171°, 81%, 79%
HSV	171°, 36%, 96%
XYZ	61.3184, 78.4001, 88.2448
YIQ	217.5050, -47.6790, -22.4870

Conversions

Conversions Part 2

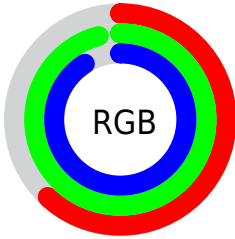
Format	Color
R_{YB}	158, 205, 245
Decimal	10417640
CIE Lab	90.96, -29.01, -2.05
CIE LCh	91, 29.079, 184.045
Yxy	78.4001, 0.2690, 0.3439
Android (android.graphics.Color)	4288607720 (0xFF9EF5E8)
YUV	217.5050, 7.1460, -52.1859
Hunter-Lab	88.5438, -31.3368, 2.8909

Details

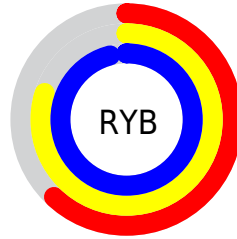
The Hex color **9EF5E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F59EAB**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D7FFFF**, and **66BCB0** is the 20% darker color. If you saturate the color by 10%, you get **86F5E4**, and if you desaturate by 10%, it is **B7F5EC**.

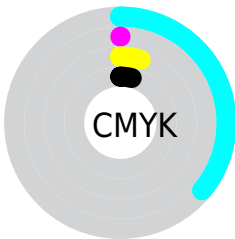
Distribution



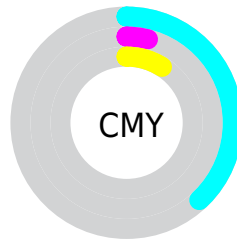
- Red (62%)
- Green (96%)
- Blue (91%)



- Red (62%)
- Yellow (80%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EF5E8 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 9EF5E8 by changing the saturation by 10% instead.

 9EF5E8

FFFFFF

 D7FFFF

 F5FFFF

 9EF5E8

 82D8CC

 66BCB0

 4AA196

 2C877C

 006D63

 00544B

 003D35

 002720

 000708

 9EF5E8

 9EF5E8

 86F5E4

 B7F5EC

 6DF5E1

 CFF5EF

 55F5DD

 E8F5F3

 3CF5D9

 FFF5F7

 24F5D6

 FFF5FA

 0BF5D2

 FFF5FE

 00F5D0

 FFF5FF

Harmonies

Analogous

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



B8F3CC



9EF5E8



95F4FF

Triad

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



9EF5E8



EFDDFF



FFDBB4

Complementary

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



9EF5E8



F59EAB

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.



FFD4C7



9EF5E8



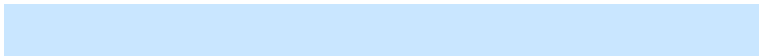
FFD5FE

Square

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



9EF5E8



C9E6FF



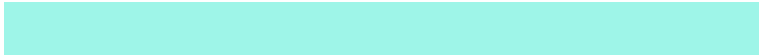
FFD1E2



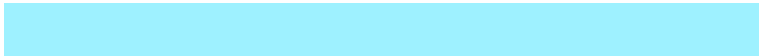
F6E4AE

Rectangle

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



9EF5E8



9EF1FF



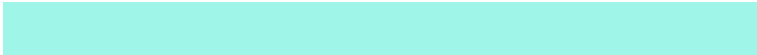
FFD1E2



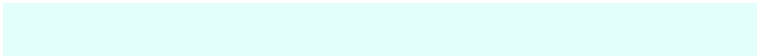
FFD8B9

Sweetspot

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



9EF5E8



E3FFFB



ABF59E



6F807D



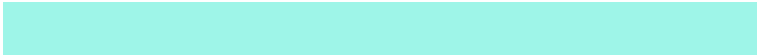
000000



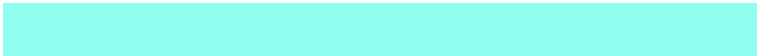
808080

Same Dimension

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



9EF5E8



91FFEF



9ED7F5



6E7A79



00BA9E



003B32

Inverse Universe

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



F59EAB



FF91A2



F5BC9E



7A6E70



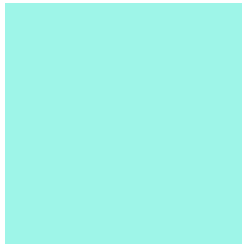
BA001C



3B0009

Previews

White Background



This preview shows how the Hex color 9EF5E8 looks on a white background.

Color Contrast Check

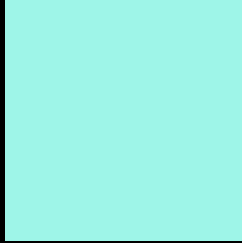
Large Text (above 18pt) WCAG AA × Fail

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 9EF5E8 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 9EF5E8 Background



This preview shows how black text looks on a background with the Hex color 9EF5E8.

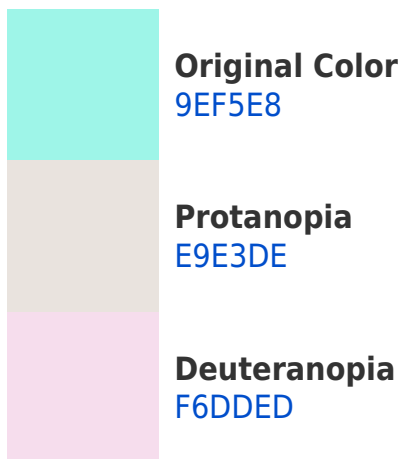


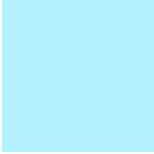
This preview shows how white text looks on a background with the Hex color 9EF5E8.

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



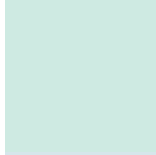


Tritanopia
B2EFFF

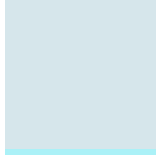
Trichromacy



Original Color
9EF5E8



Protanomaly
CEEAE2



Deuteranomaly
D6E6EB

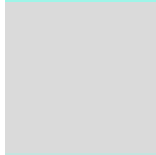


Tritanomaly
ABF1F7

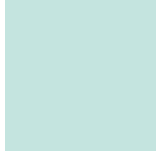
Monochromacy



Original Color
9EF5E8



Achromatopsia
DADADA



Achromatomaly
C4E4DF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EF5E8 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 #9EF5E8 looks like.

```
.text, #text, p{  
    color:#9EF5E8  
}
```

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 #9EF5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF5E8
}
```

Border

The CSS property to change the border of an element to Hex 9EF5E8 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
#9EF5E8 }
```

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

```
.border{ border-color:#9EF5E8 }
```

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

Here you see how a box with a 4 pixel #9EF5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF5E8; -webkit-box-shadow:4px 4px  
4px 4px #9EF5E8; box-shadow:4px 4px 4px  
4px #9EF5E8 }
```

Background

The CSS property to change the background color of an element to Hex 9EF5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF5E8 }
```

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

```
.background{ background-color:#9EF5E8 }
```

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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