

Converting Colors

Hex(9DFBEB)

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

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Color

Hex(9DFBEB)

Conversions

Conversions Part 1

Format	Color
Hex	9DFBEB
RGB	157, 251, 235
RGB Percent	62%, 98%, 92%
CMY	0.3843, 0.0157, 0.0784
CMYK	0.37, 0.00, 0.06, 0.02
HSL	170°, 92%, 80%
HSV	170°, 37%, 98%
XYZ	63.3972, 82.1606, 91.1145
YIQ	221.0700, -50.8880, -24.9040

Conversions

Conversions Part 2

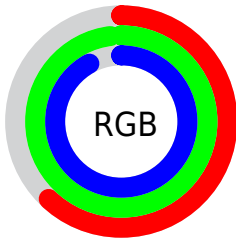
Format	Color
RYB	157, 208, 251
Decimal	10353643
CIELab	92.65, -31.44, -1.15
CIELCh	93, 31.456, 182.092
Yxy	82.1606, 0.2679, 0.3471
Android (android.graphics.Color)	4288543723 (0xFF9DFBEB)
YUV	221.0700, 6.8675, -56.1894
Hunter-Lab	90.6425, -33.7778, 3.8510

Details

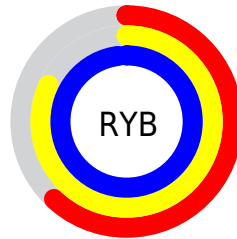
The Hex color **9DFBEB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FB9DAD**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **D7FFFF**, and **64C2B3** is the 20% darker color. If you saturate the color by 10%, you get **84FBE7**, and if you desaturate by 10%, it is **B6FBEF**.

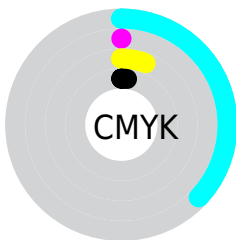
Distribution



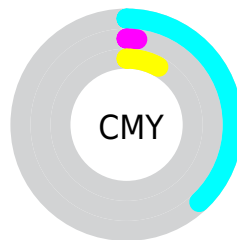
- Red (62%)
- Green (98%)
- Blue (92%)



- Red (62%)
- Yellow (82%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


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

 9DFBEB

 9DFBEB

FFFFFF

 81DECF

 D7FFFF

 64C2B3

 F4FFFF

 48A799

 288C7F

 007266

 00594E


 004137

 002A22

 00110C

 9DFBEB

 9DFBEB

 84FBE7

 B6FBEF

 6BFBE2

 CFFBF4

 52FBDE

 E8FBF8

 39FBDA

 FFFBFC

 1FFBD6

 FFFBFF

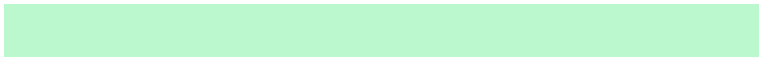
 06FBD1

 00FBD0

Harmonies

Analogous

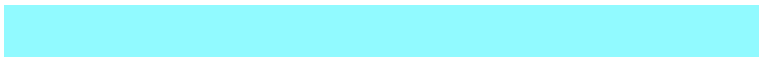
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBF8CD



9DFBEB



91FAFF

Triad

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



9DFBEB



F1E1FF



FFDEB5

Complementary

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



9DFBEB



FB9DAD

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.



FFD6CB



9DFBEB



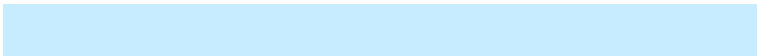
FFD8FF

Square

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



9DFBEB



C8ECFF



FFD4E9



FEE9AD

Rectangle

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



9DFBEB



99F7FF



FFD4E9



FFD8BB

Sweetspot

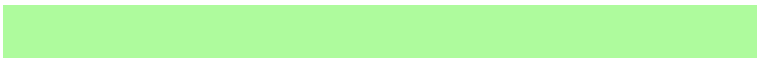
The Sweet Spot groups the original color and five complimentary colors.



9DFBEB



E3FFFA



AEFB9D



6F807D



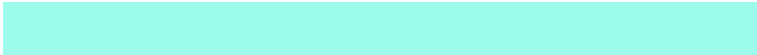
000000



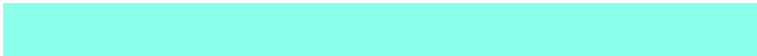
808080

Same Dimension

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



9DFBEB



8CFFEB



9DDDFB



707D7B



00BD9D



003D33

Inverse Universe

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



FB9DAD



FF8CA0



FBBB9D



7D7073



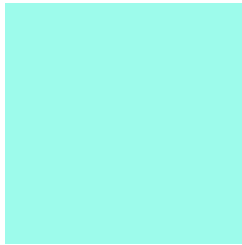
BD0020



3D000A

Previews

White Background



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

Color Contrast Check

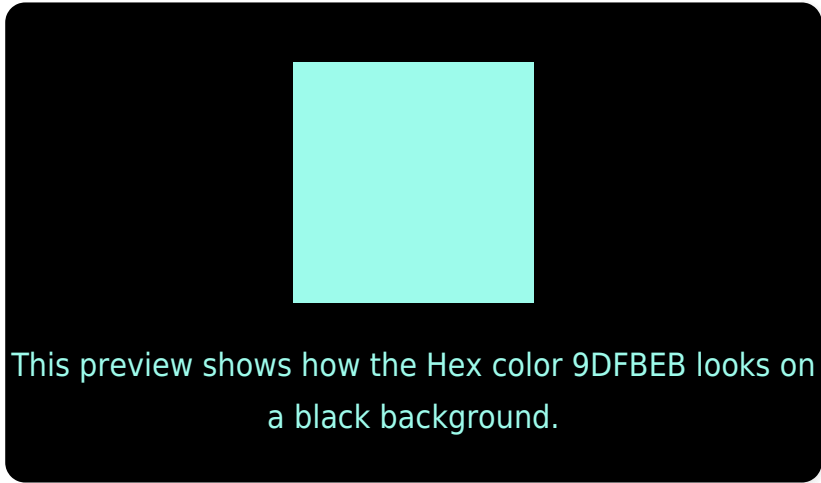
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

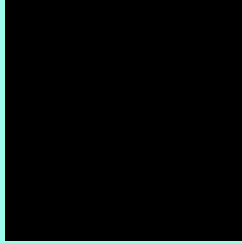
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

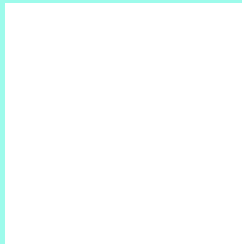
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DFBEB Background



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



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

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



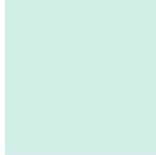


Tritanopia
C0F2FF

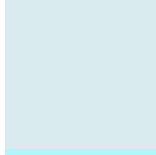
Trichromacy



Original Color
9DFBEB



Protanomaly
D1EFE4



Deuteranomaly
D9EBEE

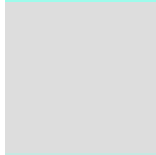


Tritanomaly
B3F5F8

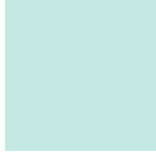
Monochromacy



Original Color
9DFBEB



Achromatopsia
DDDDDD



Achromatomaly
C6E8E2

CSS Examples

Text

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

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

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 #9DFBEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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