

Converting Colors

Hex(9BBFEA)

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

Hex(9BBFEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9BBFEA)

Conversions

Conversions Part 1

Format	Color
Hex	9BBFEA
RGB	155, 191, 234
RGB Percent	61%, 75%, 92%
CMY	0.3922, 0.2510, 0.0824
CMYK	0.34, 0.18, 0.00, 0.08
HSL	213°, 65%, 76%
HSV	213°, 34%, 92%
XYZ	46.9997, 50.1707, 85.0487
YIQ	185.1380, -35.2590, 5.7410

Conversions

Conversions Part 2

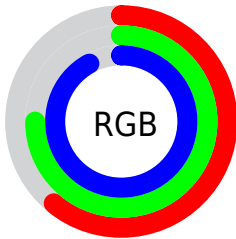
Format	Color
R _Y B	155, 180, 234
Decimal	10207210
CIE Lab	76.17, -1.91, -25.27
CIE LCh	76, 25.342, 265.667
Yxy	50.1707, 0.2579, 0.2753
Android (android.graphics.Color)	4288397290 (0xFF9BBFEA)
YUV	185.1380, 24.0890, -26.4310
Hunter-Lab	70.8313, -5.5121, -21.6089

Details

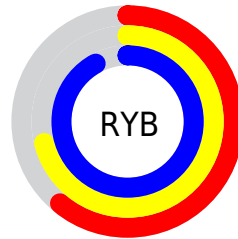
The Hex color **9BBFEA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAC69B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D3F7FF**, and **658AB2** is the 20% darker color. If you saturate the color by 10%, you get **84B2EA**, and if you desaturate by 10%, it is **B2CCEA**.

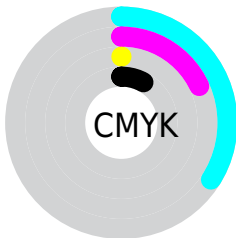
Distribution



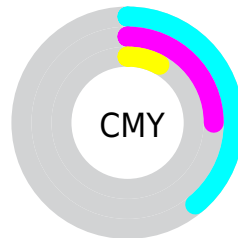
- Red (61%)
- Green (75%)
- Blue (92%)



- Red (61%)
- Yellow (71%)
- Blue (92%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (39%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

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

■ 9BBFEA

■ 9BBFEA

FFFFFF

■ 80A4CE

■ D3F7FF

■ 658AB2

■ F0FFFF

■ 4B7097

■ 30587D

■ 114164

■ 002B4C

■ 001735

■ 000220

■ 000003

■ 9BBFEA

■ 9BBFEA

■ 84B2EA

■ B2CCEA

■ 6CA6EA

■ CAD8EA

■ 5599EA

■ E1E5EA

■ 3D8CEA

■ F9F2EA

■ 267FEA

■ FFFFEA

■ 0F73EA

■ 006BEA

Harmonies

Analogous

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



81C5E2



9BBFEA



BBB7E6

Triad

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



9BBFEA



ECACA9



9DC6A1

Complementary

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



9BBFEA



EAC69B

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.



B8C191



9BBFEA



E3B196

Square

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



9BBFEA



E8ABC0



D1B98D



85C9B7

Rectangle

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



9BBFEA



CFB2DD



D1B98D



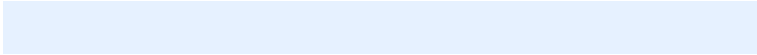
A6C59B

Sweetspot

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



9BBFEA



E6F1FF



9BEAC5



707780



000000



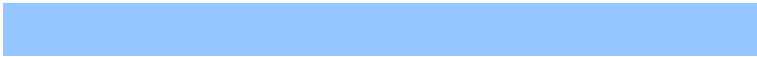
808080

Same Dimension

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



9BBFEA



96C6FF



9E9BEA



6A6F75



0053B5



001836

Inverse Universe

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



EA9BBF



FF96C6



E7EA9B



756A6F



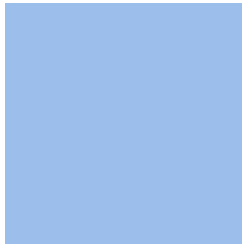
B50053



360018

Previews

White Background



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

Color Contrast Check

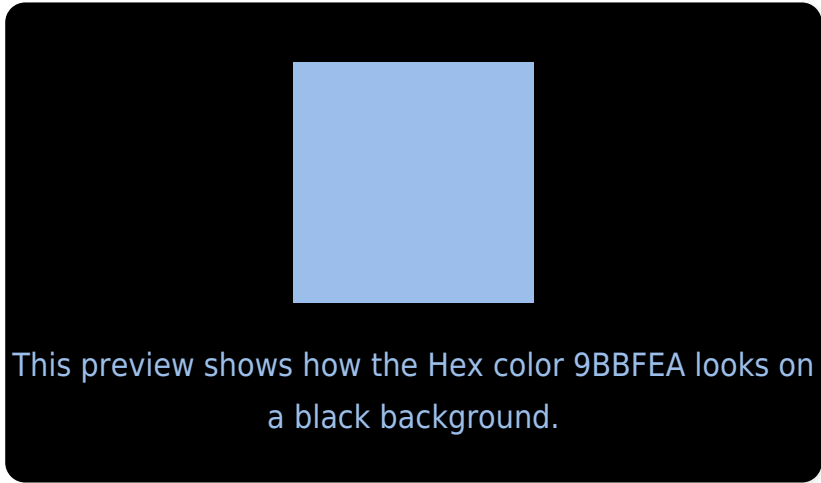
Large Text (above 18pt) WCAG AA × Fail

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

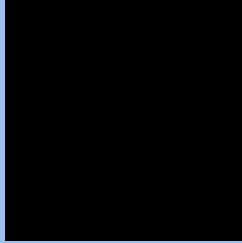
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

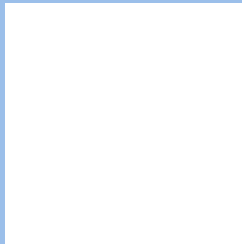
Any Text WCAG AAA ✓ Pass

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

Hex 9BBFEA Background



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

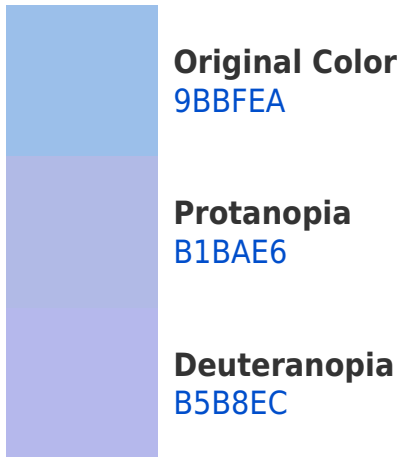


This preview shows how white text looks on a background with the Hex color 9BBFEA.

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](#).

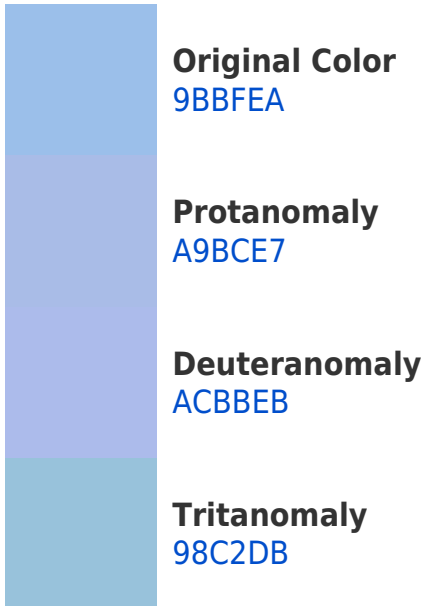
Dichromacy





Tritanopia
96C3D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9BBFEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor