

Converting Colors

Hex(9FB9E6)

Have a look what the booklet for
Hex(9FB9E6) contains.

Hex(9FB9E6)	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(9FB9E6)

Conversions

Conversions Part 1

Format	Color
Hex	9FB9E6
RGB	159, 185, 230
RGB Percent	62%, 73%, 90%
CMY	0.3765, 0.2745, 0.0980
CMYK	0.31, 0.20, 0.00, 0.10
HSL	218°, 59%, 76%
HSV	218°, 31%, 90%
XYZ	45.9300, 47.7820, 81.6650
YIQ	182.3560, -29.9410, 8.4830

Conversions

Conversions Part 2

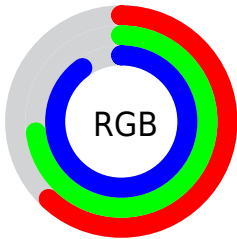
Format	Color
R_{YB}	159, 178, 230
Decimal	10467814
CIE _{Lab}	74.69, 1.47, -25.36
CIE _{LCh}	75, 25.399, 273.320
Yxy	47.7820, 0.2619, 0.2725
Android (android.graphics.Color)	4288657894 (0xFF9FB9E6)
YUV	182.3560, 23.4885, -20.4832
Hunter-Lab	69.1245, -2.3632, -21.6591

Details

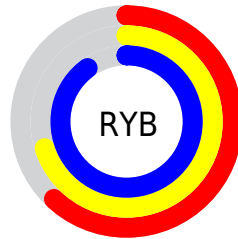
The Hex color **9FB9E6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6CC9F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D7F1FF**, and **6984AE** is the 20% darker color. If you saturate the color by 10%, you get **88AAE6**, and if you desaturate by 10%, it is **B6C8E6**.

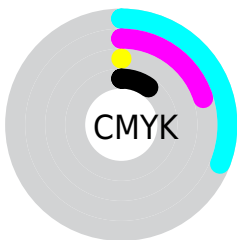
Distribution



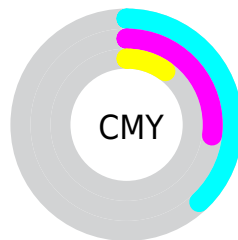
- Red (62%)
- Green (73%)
- Blue (90%)



- Red (62%)
- Yellow (70%)
- Blue (90%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (38%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FB9E6 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 9FB9E6 by changing the saturation by 10% instead.

 9FB9E6

 9FB9E6

FFFFFF

 849ECA

 D7F1FF

 6984AE

 F4FFFF

 506B94

 36537A

 1B3C61

 002649

 001232

 00021D

 000000

 9FB9E6

 9FB9E6

 88AAE6

 B6C8E6

 719CE6

 CDD6E6

 5A8DE6

 E4E5E6

 437FE6

 FBF3E6

 2C70E6

 FFFFE6

 1562E6

 0054E6

Harmonies

Analogous

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



82C0E1



9FB9E6



BFB1DF

Triad

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



9FB9E6



E6A99F



92C3A2

Complementary

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



9FB9E6



E6CC9F

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.



ADBE90



9FB9E6



DBAF8F

Square

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



9FB9E6



E6A7B6



C7B789



7CC5BA

Rectangle

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



9FB9E6



D1ACD4



C7B789



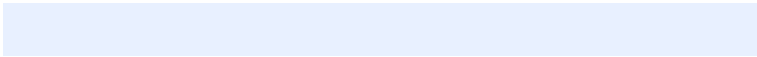
9BC29B

Sweetspot

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



9FB9E6



E8F0FF



9FE6CC



717780



000000



808080

Same Dimension

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



9FB9E6



A1C3FF



A89FE6



676B73



0041B3



001333

Inverse Universe

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



E69FB9



FFA1C3



DDE69F



73676B



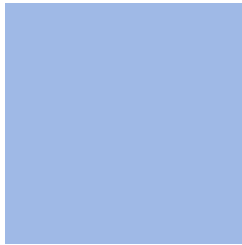
B30041



330013

Previews

White Background



This preview shows how the Hex color 9FB9E6 looks on a white background.

Color Contrast Check

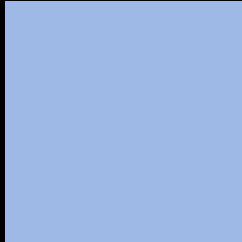
Large Text (above 18pt) WCAG AA × Fail

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 9FB9E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

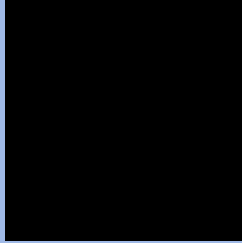
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

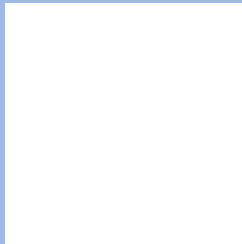
Any Text WCAG AAA ✓ Pass

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

Hex 9FB9E6 Background



This preview shows how black text looks on a background with the Hex color 9FB9E6.

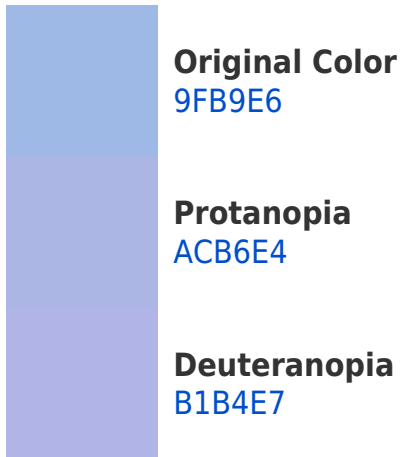


This preview shows how white text looks on a background with the Hex color 9FB9E6.

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](#).

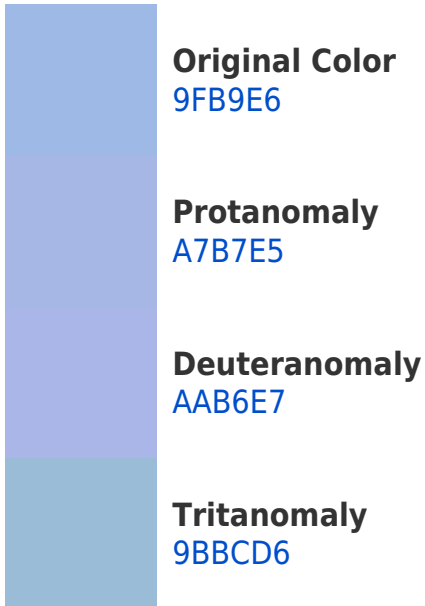
Dichromacy



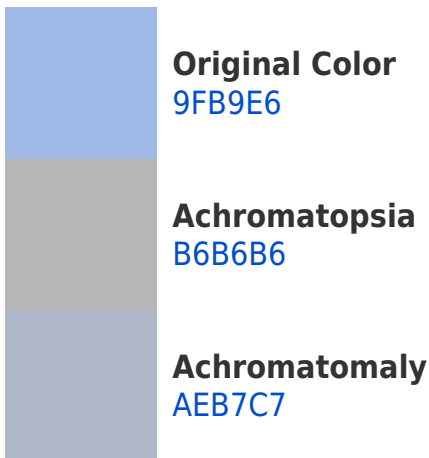


Tritanopia
99BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FB9E6 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 #9FB9E6 looks like.

```
.text, #text, p{  
    color:#9FB9E6  
}
```

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 #9FB9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB9E6
}
```

Border

The CSS property to change the border of an element to Hex 9FB9E6 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
#9FB9E6 }
```

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

```
.border{ border-color:#9FB9E6 }
```

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

Here you see how a box with a 4 pixel #9FB9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB9E6; -webkit-box-shadow:4px 4px  
4px 4px #9FB9E6; box-shadow:4px 4px 4px  
4px #9FB9E6 }
```

Background

The CSS property to change the background color of an element to Hex 9FB9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB9E6 }
```

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

```
.background{ background-color:#9FB9E6 }
```

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