

Converting Colors

Hex(9BE1F3)

Have a look what the booklet for
Hex(9BE1F3) contains.

Hex(9BE1F3)	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(9BE1F3)

Conversions

Conversions Part 1

Format	Color
Hex	9BE1F3
RGB	155, 225, 243
RGB Percent	61%, 88%, 95%
CMY	0.3922, 0.1176, 0.0471
CMYK	0.36, 0.07, 0.00, 0.05
HSL	192°, 79%, 78%
HSV	192°, 36%, 95%
XYZ	56.6204, 67.2901, 94.7981
YIQ	206.1220, -47.4980, -9.2420

Conversions

Conversions Part 2

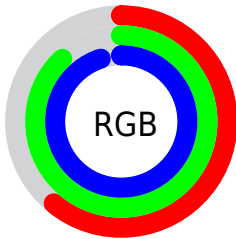
Format	Color
R _Y B	155, 194, 243
Decimal	10215923
CIE Lab	85.65, -17.44, -15.72
CIE LCh	86, 23.475, 222.026
Yxy	67.2901, 0.2589, 0.3077
Android (android.graphics.Color)	4288406003 (0xFF9BE1F3)
YUV	206.1220, 18.1809, -44.8340
Hunter-Lab	82.0305, -20.3462, -11.0968

Details

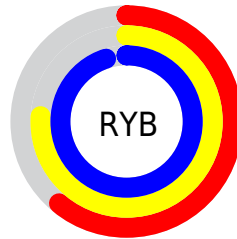
The Hex color **9BE1F3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F3AD9B**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D4FFFF**, and **63AABB** is the 20% darker color. If you saturate the color by 10%, you get **83DCF3**, and if you desaturate by 10%, it is **B3E6F3**.

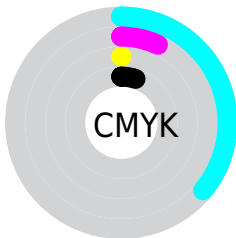
Distribution



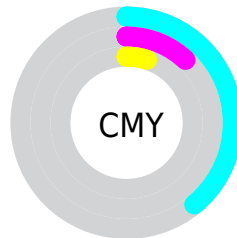
- Red (61%)
- Green (88%)
- Blue (95%)



- Red (61%)
- Yellow (76%)
- Blue (95%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE1F3 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 9BE1F3 by changing the saturation by 10% instead.

9BE1F3

9BE1F3

FFFFFF

7FC5D7

D4FFFF

63AABB

F1FFFF

488FA0

2A7586

005D6C

004554

002E3D

001B27

000112

■ 9BE1F3

■ 9BE1F3

■ 83DCF3

■ B3E6F3

■ 6AD7F3

■ CCEBF3

■ 52D2F3

■ E4F0F3

■ 3ACDF3

■ FCF5F3

■ 21C8F3

■ FFFAF3

■ 09C3F3

■ FFFFF3

■ 00C1F3

Harmonies

Analogous

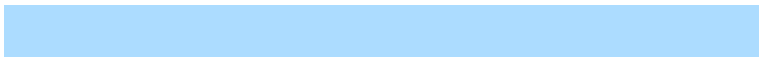
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CE3DE



9BE1F3



ACDCFF

Triad

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



9BE1F3



FAC8E4



DED7AB

Complementary

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



9BE1F3



F3AD9B

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.



F3D0AC



9BE1F3



FFC6CE

Square

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



9BE1F3



E5CEF7



FFCAB9



C5DEB5

Rectangle

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



9BE1F3



BED8FF



FFCAB9



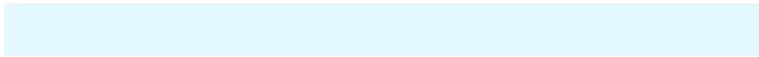
E6D5AA

Sweetspot

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



9BE1F3



E3F9FF



9BF3AD



6F7C80



000000



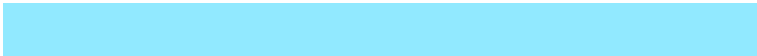
808080

Same Dimension

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



9BE1F3



91E9FF



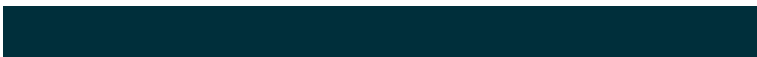
9BB5F3



6E787A



0094BA



002F3B

Inverse Universe

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



F39BE1



FF91E9



F3D99B



7A6E78



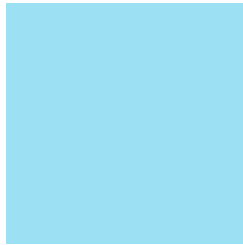
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color 9BE1F3 looks on a white background.

Color Contrast Check

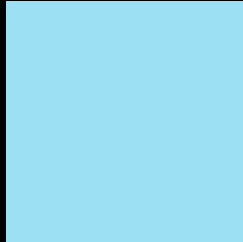
Large Text (above 18pt) WCAG AA × Fail

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 9BE1F3 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 9BE1F3 Background



This preview shows how black text looks on a background with the Hex color 9BE1F3.

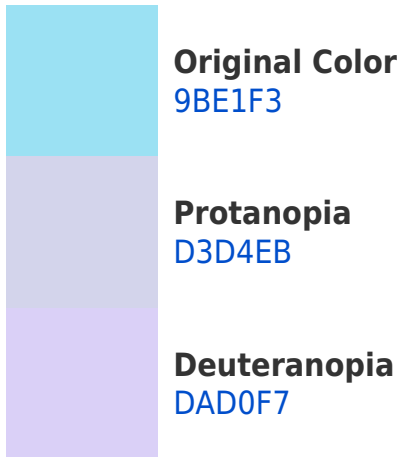


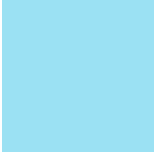
This preview shows how white text looks on a background with the Hex color 9BE1F3.

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



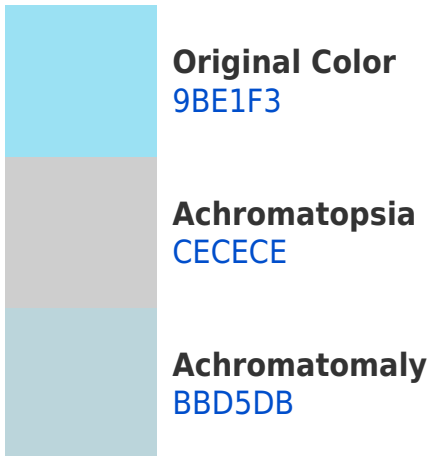


Tritanopia
9BE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE1F3 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 #9BE1F3 looks like.

```
.text, #text, p{  
    color:#9BE1F3  
}
```

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 #9BE1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE1F3
}
```

Border

The CSS property to change the border of an element to Hex 9BE1F3 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
#9BE1F3 }
```

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

```
.border{ border-color:#9BE1F3 }
```

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

Here you see how a box with a 4 pixel #9BE1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE1F3; -webkit-box-shadow:4px 4px  
4px 4px #9BE1F3; box-shadow:4px 4px 4px  
4px #9BE1F3 }
```

Background

The CSS property to change the background color of an element to Hex 9BE1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE1F3 }
```

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

```
.background{ background-color:#9BE1F3 }
```

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