

Converting Colors

Hex(9BF1F1)

Have a look what the booklet for
Hex(9BF1F1) contains.

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Color

Hex(9BF1F1)

Conversions

Conversions Part 1

Format	Color
Hex	9BF1F1
RGB	155, 241, 241
RGB Percent	61%, 95%, 95%
CMY	0.3922, 0.0549, 0.0549
CMYK	0.36, 0.00, 0.00, 0.05
HSL	180°, 75%, 78%
HSV	180°, 36%, 95%
XYZ	60.8500, 76.2300, 94.7258
YIQ	215.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

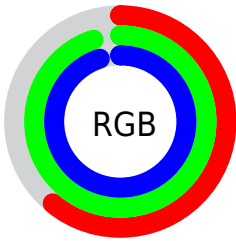
Format	Color
RYB	155, 198, 241
Decimal	10220017
CIELab	89.97, -25.82, -8.23
CIELCh	90, 27.095, 197.675
Yxy	76.2300, 0.2625, 0.3289
Android (android.graphics.Color)	4288410097 (0xFF9BF1F1)
YUV	215.2860, 12.6770, -52.8708
Hunter-Lab	87.3098, -28.3877, -3.2092

Details

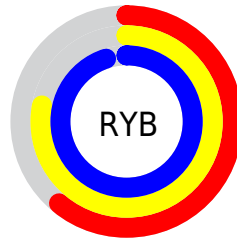
The Hex color **9BF1F1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F19B9B**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D5FFFF**, and **63B9B9** is the 20% darker color. If you saturate the color by 10%, you get **83F1F1**, and if you desaturate by 10%, it is **B3F1F1**.

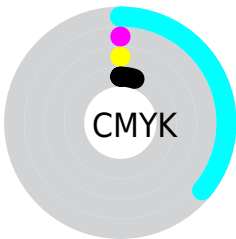
Distribution



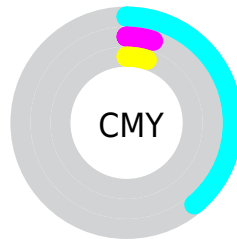
- Red (61%)
- Green (95%)
- Blue (95%)



- Red (61%)
- Yellow (78%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF1F1 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 9BF1F1 by changing the saturation by 10% instead.

 9BF1F1

FFFFFF

 D5FFFF

 F2FFFF

 9BF1F1

 7FD5D5

 63B9B9

 469E9E

 278384

 006A6B

 005153

 003A3C

 002426

 000112

9BF1F1

9BF1F1

83F1F1

B3F1F1

6BF1F1

CBF1F1

53F1F1

E3F1F1

3BF1F1

FBF1F1

22F1F1

FFF1F1

0AF1F1

00F1F1

Harmonies

Analogous

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



ADF0D6



9BF1F1



9EEEEFF

Triad

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



9BF1F1



F9D7FF



FFDDB0

Complementary

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



9BF1F1



F19B9B

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.



FFD5BD



9BF1F1



FFD1EE

Square

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



9BF1F1



D8DFFF



FFD0D4



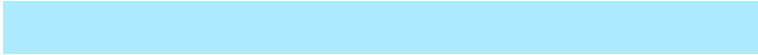
E6E5B1

Rectangle

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



9BF1F1



ACEAFF



FFD0D4



FFDAB3

Sweetspot

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



9BF1F1



E3FFFF



9BF19B



6F8080



000000



808080

Same Dimension

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



9BF1F1



91FFFF



9BC6F1



6C7878



00B8B8



003838

Inverse Universe

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



F19BF1



FF91FF



F1C69B



786C78



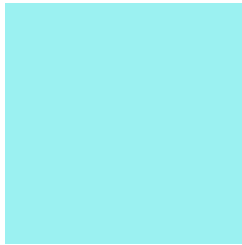
B800B8



380038

Previews

White Background



This preview shows how the Hex color 9BF1F1 looks on a white background.

Color Contrast Check

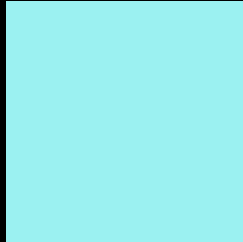
Large Text (above 18pt) WCAG AA × Fail

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 9BF1F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

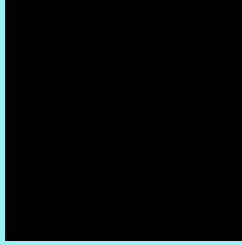
Any Text WCAG AA ✓ Pass

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 9BF1F1 Background



This preview shows how black text looks on a background with the Hex color 9BF1F1.

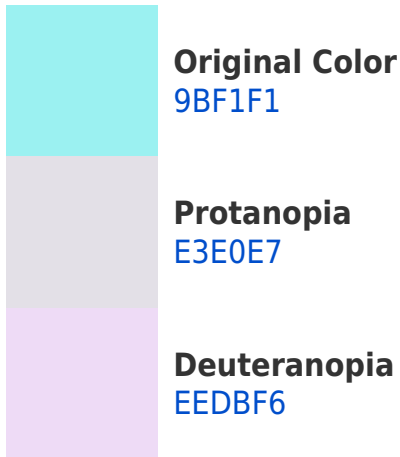


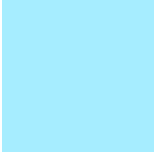
This preview shows how white text looks on a background with the Hex color 9BF1F1.

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



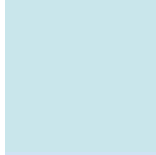


Tritanopia
A6EDFF

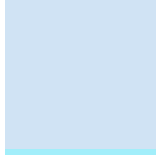
Trichromacy



Original Color
9BF1F1



Protanomaly
C9E6EB



Deuteranomaly
D0E3F4

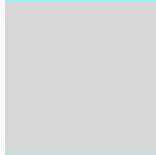


Tritanomaly
A2EEFA

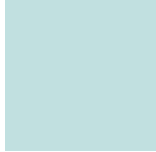
Monochromacy



Original Color
9BF1F1



Achromatopsia
D7D7D7



Achromatomaly
C1E0E0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF1F1 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 #9BF1F1 looks like.

```
.text, #text, p{  
    color:#9BF1F1  
}
```

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 #9BF1F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF1F1
}
```

Border

The CSS property to change the border of an element to Hex 9BF1F1 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
#9BF1F1 }
```

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

```
.border{ border-color:#9BF1F1 }
```

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

Here you see how a box with a 4 pixel #9BF1F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF1F1; -webkit-box-shadow:4px 4px  
4px 4px #9BF1F1; box-shadow:4px 4px 4px  
4px #9BF1F1 }
```

Background

The CSS property to change the background color of an element to Hex 9BF1F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF1F1 }
```

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

```
.background{ background-color:#9BF1F1 }
```

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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