

Converting Colors

Hex(9BF2E2)

Have a look what the booklet for
Hex(9BF2E2) contains.

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Color

Hex(9BF2E2)

Conversions

Conversions Part 1

Format	Color
Hex	9BF2E2
RGB	155, 242, 226
RGB Percent	61%, 95%, 89%
CMY	0.3922, 0.0510, 0.1137
CMYK	0.36, 0.00, 0.07, 0.05
HSL	169°, 77%, 78%
HSV	169°, 36%, 95%
XYZ	58.9972, 75.9638, 83.5045
YIQ	214.1630, -46.7160, -23.4200

Conversions

Conversions Part 2

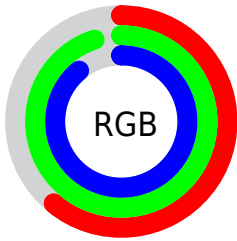
Format	Color
R_{YB}	155, 203, 242
Decimal	10220258
CIE _{Lab}	89.84, -29.70, -0.58
CIE _{LCh}	90, 29.709, 181.121
Yxy	75.9638, 0.2701, 0.3477
Android (android.graphics.Color)	4288410338 (0xFF9BF2E2)
YUV	214.1630, 5.8356, -51.8860
Hunter-Lab	87.1572, -31.6976, 4.2049

Details

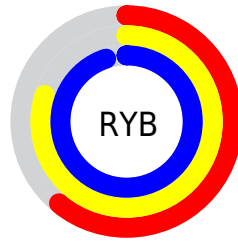
The Hex color **9BF2E2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F29BAB**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **D4FFFF**, and **63BAAB** is the 20% darker color. If you saturate the color by 10%, you get **83F2DE**, and if you desaturate by 10%, it is **B3F2E6**.

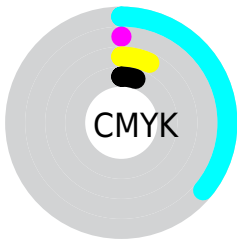
Distribution



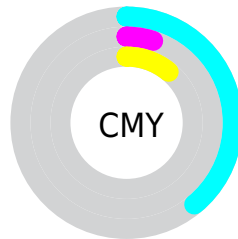
- Red (61%)
- Green (95%)
- Blue (89%)



- Red (61%)
- Yellow (80%)
- Blue (95%)



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



- Cyan (39%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF2E2 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 9BF2E2 by changing the saturation by 10% instead.

 9BF2E2

 9BF2E2

FFFFFF

 7FD5C6

 D4FFFF

 63BAAB

 F2FFFF

 479E90

 298477

 006A5E

 005246

 003A30

 00251B

 000001

 9BF2E2

 9BF2E2

 83F2DE

 B3F2E6

 6BF2D9

 CBF2EB

 52F2D5

 E4F2EF

 3AF2D0

 FCF2F4

 22F2CC

 FFF2F8

 0AF2C7

 FFF2FD

 00F2C5

 FFF2FF

Harmonies

Analogous

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



B7EFC6



9BF2E2



8FF1FE

Triad

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



9BF2E2



E8DAFF



FFD7B1

Complementary

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



9BF2E2



F29BAB

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.



FFD0C6



9BF2E2



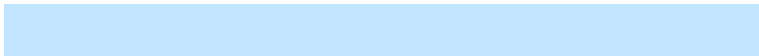
FFD2FE

Square

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



9BF2E2



C1E4FF



FFCDE2



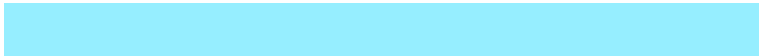
F6E0A9

Rectangle

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



9BF2E2



96EEFF



FFCDE2



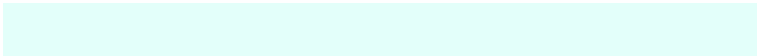
FFD4B7

Sweetspot

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



9BF2E2



E3FFFA



ACF29B



6F807C



000000



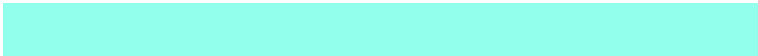
808080

Same Dimension

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



9BF2E2



91FFEB



9BD8F2



6C7876



00B896



00382E

Inverse Universe

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



F29BAB



FF91A6



F2B59B



786C6E



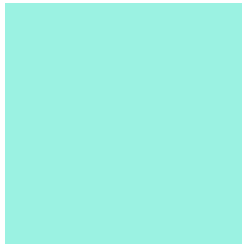
B80022



38000A

Previews

White Background



This preview shows how the Hex color 9BF2E2 looks on a white background.

Color Contrast Check

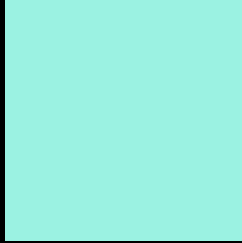
Large Text (above 18pt) WCAG AA × Fail

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 9BF2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

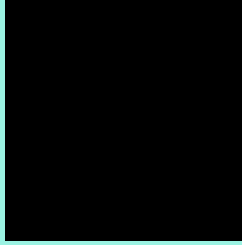
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

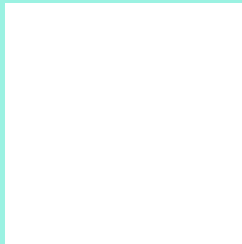
Any Text WCAG AAA ✓ Pass

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

Hex 9BF2E2 Background



This preview shows how black text looks on a background with the Hex color 9BF2E2.

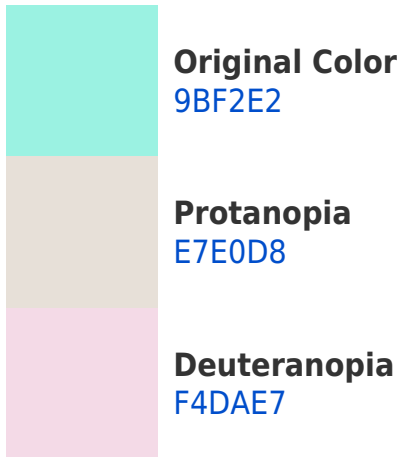


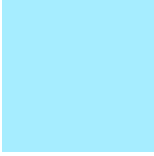
This preview shows how white text looks on a background with the Hex color 9BF2E2.

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



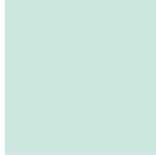


Tritanopia
A6EDFF

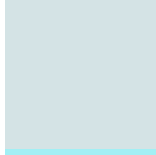
Trichromacy



Original Color
9BF2E2



Protanomaly
CBE7DC



Deuteranomaly
D4E3E5

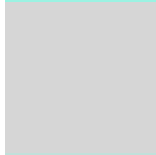


Tritanomaly
A2EFF4

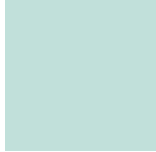
Monochromacy



Original Color
9BF2E2



Achromatopsia
D6D6D6



Achromatomaly
C1E0DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF2E2 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 #9BF2E2 looks like.

```
.text, #text, p{  
    color:#9BF2E2  
}
```

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 #9BF2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF2E2
}
```

Border

The CSS property to change the border of an element to Hex 9BF2E2 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
#9BF2E2 }
```

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

```
.border{ border-color:#9BF2E2 }
```

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

Here you see how a box with a 4 pixel #9BF2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF2E2; -webkit-box-shadow:4px 4px  
4px 4px #9BF2E2; box-shadow:4px 4px 4px  
4px #9BF2E2 }
```

Background

The CSS property to change the background color of an element to Hex 9BF2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF2E2 }
```

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

```
.background{ background-color:#9BF2E2 }
```

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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