

Converting Colors

Hex(9CF8E2)

Have a look what the booklet for
Hex(9CF8E2) contains.

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Color

Hex(9CF8E2)

Conversions

Conversions Part 1

Format	Color
Hex	9CF8E2
RGB	156, 248, 226
RGB Percent	61%, 97%, 89%
CMY	0.3882, 0.0275, 0.1137
CMYK	0.37, 0.00, 0.09, 0.03
HSL	166°, 87%, 79%
HSV	166°, 37%, 97%
XYZ	61.0052, 79.6937, 84.1186
YIQ	217.9840, -47.7700, -26.3460

Conversions

Conversions Part 2

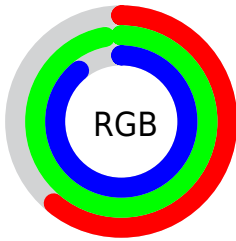
Format	Color
R _Y B	156, 208, 248
Decimal	10287330
CIE Lab	91.55, -32.27, 1.91
CIE LCh	92, 32.322, 176.612
Yxy	79.6937, 0.2714, 0.3545
Android (android.graphics.Color)	4288477410 (0xFF9CF8E2)
YUV	217.9840, 3.9519, -54.3600
Hunter-Lab	89.2713, -34.2437, 6.6221

Details

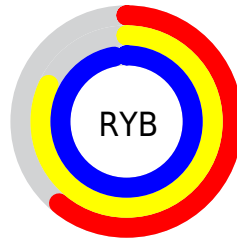
The Hex color **9CF8E2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F89CB2**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D5FFFF**, and **64BFAB** is the 20% darker color. If you saturate the color by 10%, you get **83F8DC**, and if you desaturate by 10%, it is **B5F8E8**.

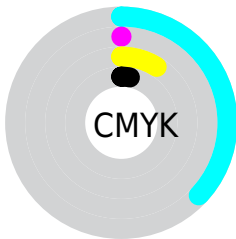
Distribution



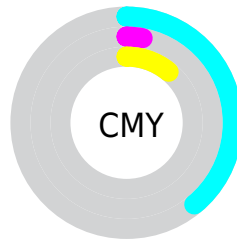
- Red (61%)
- Green (97%)
- Blue (89%)



- Red (61%)
- Yellow (82%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF8E2 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 9CF8E2 by changing the saturation by 10% instead.

 9CF8E2

 9CF8E2

FFFFFF

 80DBC6

 D5FFFF

 64BFAB

 F3FFFF

 48A490

 298977

 006F5E

 005646

 003F30

 00281B

 000B01

 9CF8E2

 9CF8E2

 83F8DC

 B5F8E8

 6AF8D6

 CEF8EE

 52F8D0

 E6F8F4

 39F8CA

 FFF8FA

 20F8C4

 FFF8FF

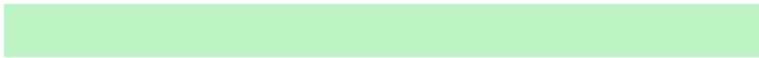
 07F8BE

 00F8BD

Harmonies

Analogous

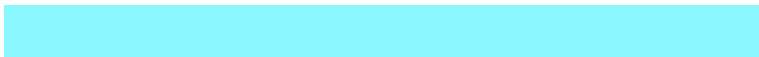
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCF4C4



9CF8E2



8BF8FF

Triad

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



9CF8E2



E7E0FF



FFD9B4

Complementary

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



9CF8E2



F89CB2

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.



FFD2CC



9CF8E2



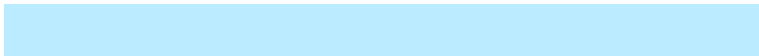
FFD6FF

Square

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



9CF8E2



BBEBFF



FFD0EC



FFE4A9

Rectangle

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



9CF8E2



8FF5FF



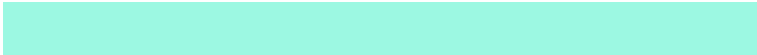
FFD0EC



FFD6BB

Sweetspot

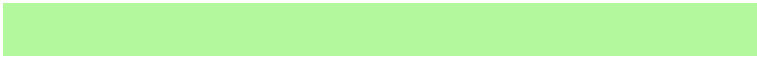
The Sweet Spot groups the original color and five complimentary colors.



9CF8E2



E3FFF8



B3F89C



6F807C



000000



808080

Same Dimension

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



9CF8E2



8CFFE4



9CE1F8



707D7A



00BD90



003D2F

Inverse Universe

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



F89CB2



FF8CA8



F8B39C



7D7073



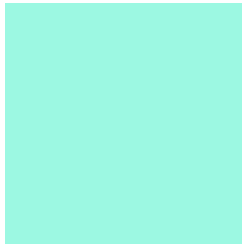
BD002D



3D000F

Previews

White Background



This preview shows how the Hex color 9CF8E2 looks on a white background.

Color Contrast Check

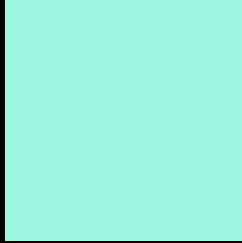
Large Text (above 18pt) WCAG AA × Fail

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 9CF8E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

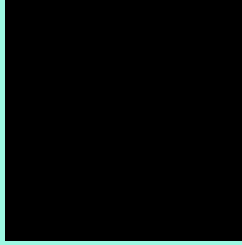
Any Text WCAG AA ✓ Pass

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 9CF8E2 Background



This preview shows how black text looks on a background with the Hex color 9CF8E2.



This preview shows how white text looks on a background with the Hex color 9CF8E2.

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



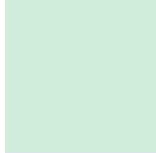


Tritanopia
B7F0FF

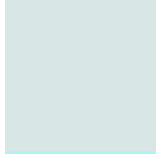
Trichromacy



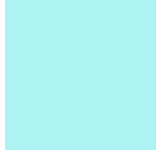
Original Color
9CF8E2



Protanomaly
D0ECDB



Deuteranomaly
D8E7E5

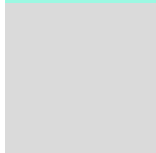


Tritanomaly
ADF3F4

Monochromacy



Original Color
9CF8E2



Achromatopsia
DADADA



Achromatomaly
C3E5DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF8E2 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 #9CF8E2 looks like.

```
.text, #text, p{  
    color:#9CF8E2  
}
```

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 #9CF8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF8E2
}
```

Border

The CSS property to change the border of an element to Hex 9CF8E2 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
#9CF8E2 }
```

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

```
.border{ border-color:#9CF8E2 }
```

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

Here you see how a box with a 4 pixel #9CF8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF8E2; -webkit-box-shadow:4px 4px  
4px 4px #9CF8E2; box-shadow:4px 4px 4px  
4px #9CF8E2 }
```

Background

The CSS property to change the background color of an element to Hex 9CF8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF8E2 }
```

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

```
.background{ background-color:#9CF8E2 }
```

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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