

# Converting Colors

Hex(9CE6F1)

Have a look what the booklet for  
Hex(9CE6F1) contains.

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# **Color**

**Hex(9CE6F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CE6F1
RGB	156, 230, 241
RGB Percent	61%, 90%, 95%
CMY	0.3882, 0.0980, 0.0549
CMYK	0.35, 0.05, 0.00, 0.05
HSL	188°, 75%, 78%
HSV	188°, 35%, 95%
XYZ	57.8843, 70.0124, 93.6820
YIQ	209.1280, -47.6350, -12.2670

# Conversions

## Conversions Part 2

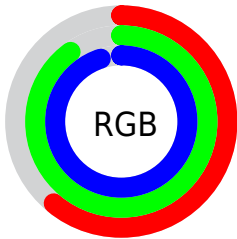
Format	Color
R <sub>Y</sub> B	156, 196, 241
Decimal	10282737
CIE Lab	87.00, -20.16, -12.63
CIE LCh	87, 23.792, 212.066
Yxy	70.0124, 0.2612, 0.3160
Android (android.graphics.Color)	4288472817 (0xFF9CE6F1)
YUV	209.1280, 15.7129, -46.5933
Hunter-Lab	83.6734, -22.9443, -7.8106

# Details

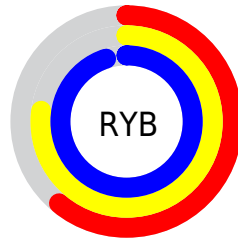
The Hex color **9CE6F1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F1A79C**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D5FFFF**, and **64AEB9** is the 20% darker color. If you saturate the color by 10%, you get **84E3F1**, and if you desaturate by 10%, it is **B4E9F1**.

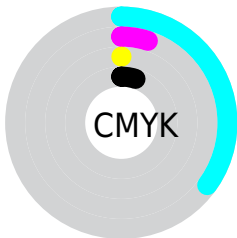
# Distribution



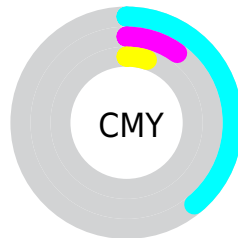
- Red (61%)
- Green (90%)
- Blue (95%)



- Red (61%)
- Yellow (77%)
- Blue (95%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (10%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE6F1 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 9CE6F1 by changing the saturation by 10% instead.



 9CE6F1

FFFFFF

 D5FFFF

 F2FFFF

 9CE6F1

 80CAD5


 64AEB9

 49949E

 2B7A84

 00616B

 004953

 00323B

 001E26

 000111

 9CE6F1

 9CE6F1

 84E3F1

 B4E9F1

 6CE0F1

 CCECF1

 54DDF1

 E4EFF1

 3CDAF1

 FCF2F1

 24D6F1

 FFF6F1

 0BD3F1

 FFF9F1

 00D2F1

 FFFCF1

 FFFFF1

# Harmonies

## Analogous

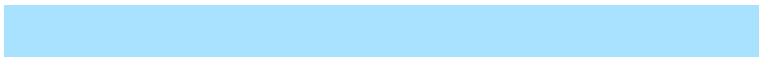
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3E7DB



9CE6F1



A8E2FF

# Triad

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



9CE6F1



F9CDEF



EAD9AD

# Complementary

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



9CE6F1



F1A79C

# 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.



FDD1B3



9CE6F1



FFCAD9

# Square

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



9CE6F1



E0D4FF



FFCC33



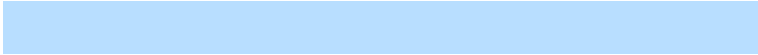
D1E0B3

# Rectangle

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



9CE6F1



B8DEFF



FFCCC3



F1D6AE



# Sweetspot

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



9CE6F1



E3FBFF



9CF1A6



6F7D80



000000



808080

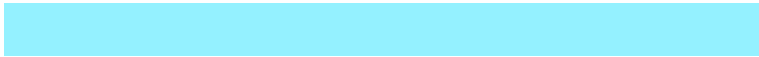


# Same Dimension

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



9CE6F1



94F1FF



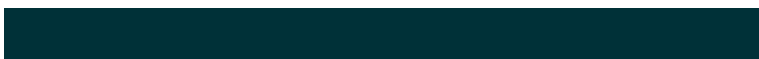
9CBDF1



6C7678



00A0B8



003138



# Inverse Universe

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



F19CE6



FF94F1



F1D09C



786C76



B800A0

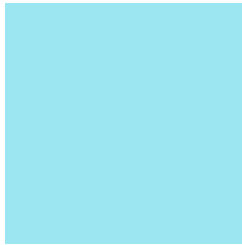


380031



# Previews

## White Background



This preview shows how the Hex color 9CE6F1 looks on a white background.

## Color Contrast Check

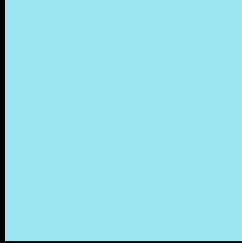
Large Text (above 18pt) WCAG AA × Fail

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 9CE6F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

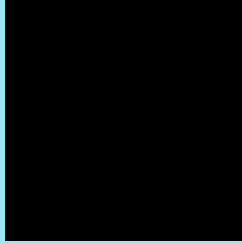
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CE6F1 Background



This preview shows how black text looks on a background with the Hex color 9CE6F1.

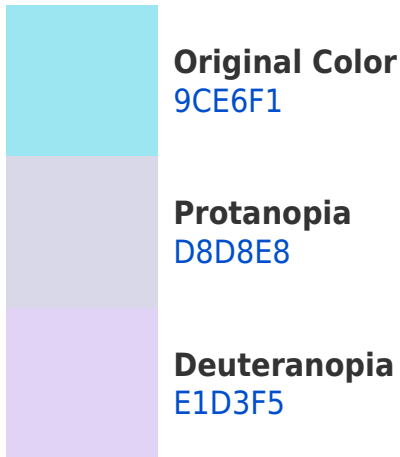


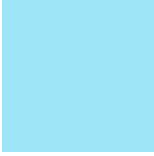
This preview shows how white text looks on a background with the Hex color 9CE6F1.

# 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](#).

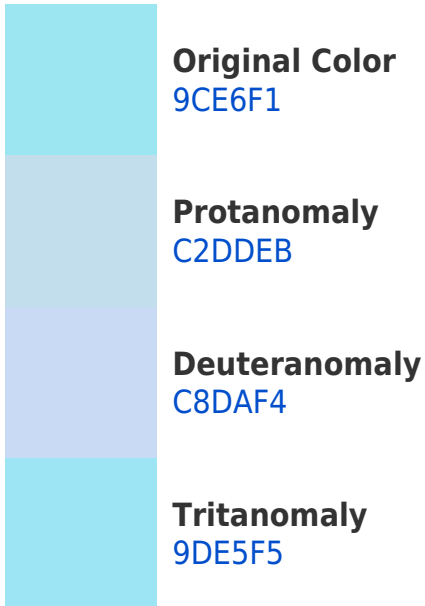
## Dichromacy



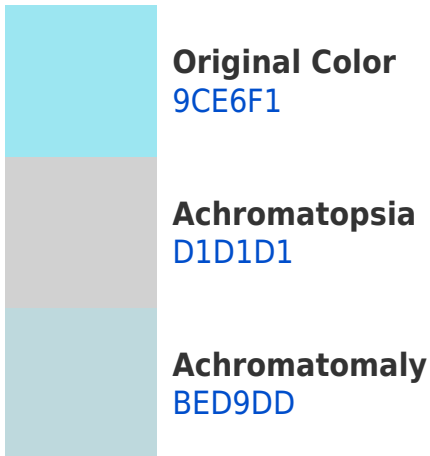


**Tritanopia**  
9EE5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE6F1 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 #9CE6F1 looks like.

```
.text, #text, p{  
    color:#9CE6F1  
}
```

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 #9CE6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE6F1  
}
```

## Border

The CSS property to change the border of an element to Hex 9CE6F1 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  
#9CE6F1 }
```

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

```
.border{ border-color:#9CE6F1 }
```

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

Here you see how a box with a 4 pixel #9CE6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE6F1; -webkit-box-shadow:4px 4px  
4px 4px #9CE6F1; box-shadow:4px 4px 4px  
4px #9CE6F1 }
```

# Background

The CSS property to change the background color of an element to Hex 9CE6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE6F1 }
```

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

```
.background{ background-color:#9CE6F1 }
```

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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