

# Converting Colors

Hex(9DE4F7)

Have a look what the booklet for  
Hex(9DE4F7) contains.

<b>Hex(9DE4F7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9DE4F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DE4F7
RGB	157, 228, 247
RGB Percent	62%, 89%, 97%
CMY	0.3843, 0.1059, 0.0314
CMYK	0.36, 0.08, 0.00, 0.03
HSL	193°, 85%, 79%
HSV	193°, 36%, 97%
XYZ	58.4365, 69.3703, 98.3056
YIQ	208.9370, -48.4150, -9.1430

# Conversions

## Conversions Part 2

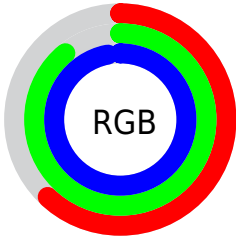
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	157, 197, 247
Decimal	10347767
CIE Lab	86.69, -17.46, -16.26
CIE LCh	87, 23.853, 222.958
Yxy	69.3703, 0.2584, 0.3068
Android (android.graphics.Color)	4288537847 (0xFF9DE4F7)
YUV	208.9370, 18.7651, -45.5487
Hunter-Lab	83.2888, -20.5175, -11.6776

# Details

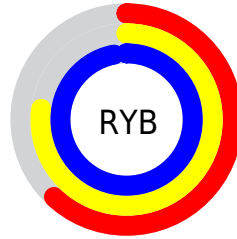
The Hex color **9DE4F7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F7B09D**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D6FFFF**, and **65ACBF** is the 20% darker color. If you saturate the color by 10%, you get **84DFF7**, and if you desaturate by 10%, it is **B6E9F7**.

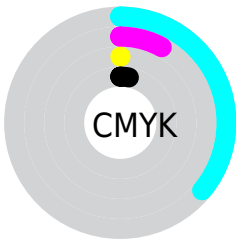
# Distribution



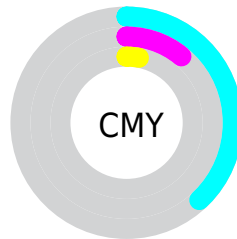
- Red (62%)
- Green (89%)
- Blue (97%)



- Red (62%)
- Yellow (77%)
- Blue (97%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (11%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DE4F7 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 9DE4F7 by changing the saturation by 10% instead.



 9DE4F7

FFFFFF

 D6FFFF

 F4FFFF

 9DE4F7

 81C8DA

 65ACBF

 4992A4

 2C7889

 005F70

 004757

 003140

 001D2A

 000116

9DE4F7

9DE4F7

84DFF7

B6E9F7

6CDAF7

CEEEF7

53D4F7

E7F4F7

3ACFF7

FFF9F7

22CAF7

FFFEF7

09C5F7

FFFFF7

00C3F7

# Harmonies

## Analogous

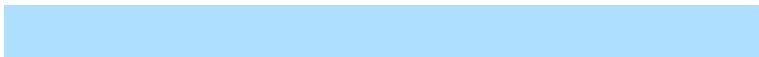
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DE6E2



9DE4F7



AFDFFF

# Triad

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



9DE4F7



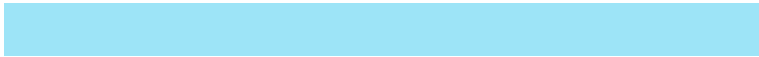
FECAE7



E0DBAD

# Complementary

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



9DE4F7



F7B09D

# 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.



F6D3AE



9DE4F7



FFC9D0

# Square

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



9DE4F7



E9D0FA



FFCDBB



C6E1B7

# Rectangle

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



9DE4F7



C2DAFF



FFCDBB



E8D8AC

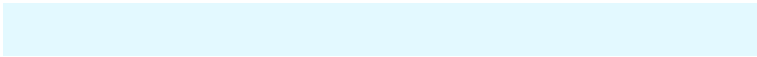


# Sweetspot

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



9DE4F7



E3F9FF



9DF7AF



6F7C80



000000



808080

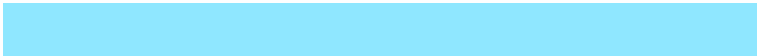


# Same Dimension

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



9DE4F7



8FE7FF



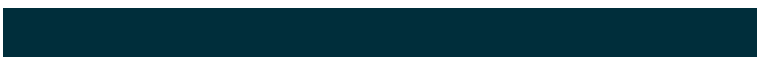
9DB8F7



6E787A



0093BA



002E3B



# Inverse Universe

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



F79DE4



FF8FE7



F7DC9D



7A6E78



BA0093

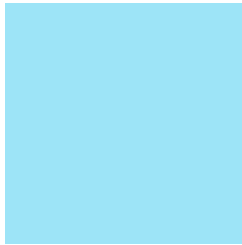


3B002E



# Previews

## White Background



This preview shows how the Hex color 9DE4F7 looks on a white background.

## Color Contrast Check

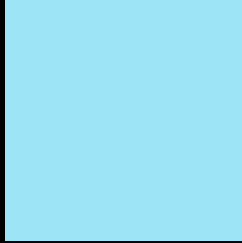
Large Text (above 18pt) WCAG AA × Fail

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 9DE4F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

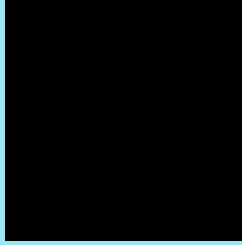
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DE4F7 Background



This preview shows how black text looks on a background with the Hex color 9DE4F7.

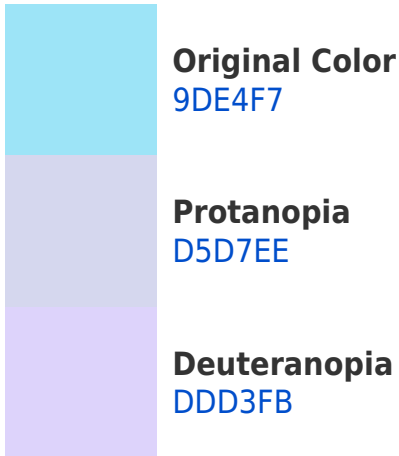


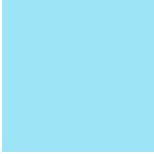
This preview shows how white text looks on a background with the Hex color 9DE4F7.

# 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](#).

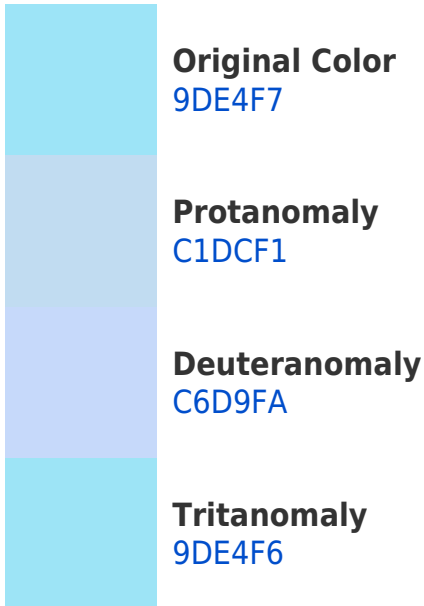
## Dichromacy



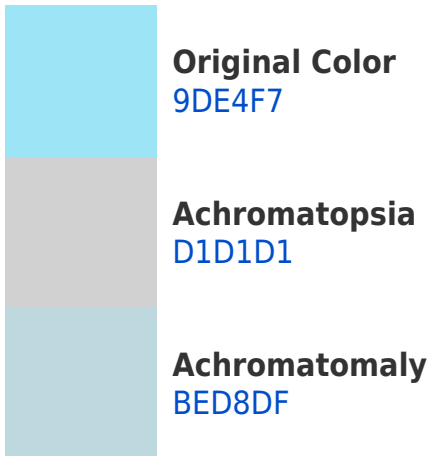


**Tritanopia**  
9DE4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DE4F7 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 #9DE4F7 looks like.

```
.text, #text, p{  
    color:#9DE4F7  
}
```

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 #9DE4F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE4F7
}
```

## Border

The CSS property to change the border of an element to Hex 9DE4F7 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
#9DE4F7 }
```

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

```
.border{ border-color:#9DE4F7 }
```

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

Here you see how a box with a 4 pixel #9DE4F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE4F7; -webkit-box-shadow:4px 4px  
4px 4px #9DE4F7; box-shadow:4px 4px 4px  
4px #9DE4F7 }
```

# Background

The CSS property to change the background color of an element to Hex 9DE4F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE4F7 }
```

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

```
.background{ background-color:#9DE4F7 }
```

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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