

Converting Colors

Hex(9DE3F7)

Have a look what the booklet for
Hex(9DE3F7) contains.

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Color

Hex(9DE3F7)

Conversions

Conversions Part 1

Format	Color
Hex	9DE3F7
RGB	157, 227, 247
RGB Percent	62%, 89%, 97%
CMY	0.3843, 0.1098, 0.0314
CMYK	0.36, 0.08, 0.00, 0.03
HSL	193°, 85%, 79%
HSV	193°, 36%, 97%
XYZ	58.1622, 68.8217, 98.2141
YIQ	208.3500, -48.1400, -8.6200

Conversions

Conversions Part 2

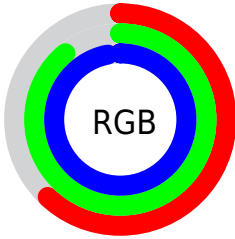
Format	Color
R_{YB}	157, 196, 247
Decimal	10347511
CIE _{Lab}	86.42, -16.95, -16.66
CIE _{LCh}	86, 23.771, 224.505
Yxy	68.8217, 0.2583, 0.3056
Android (android.graphics.Color)	4288537591 (0xFF9DE3F7)
YUV	208.3500, 19.0544, -45.0340
Hunter-Lab	82.9588, -20.0321, -12.1217

Details

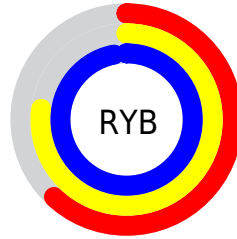
The Hex color **9DE3F7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F7B19D**, and the grayscale version is **D0D0D0**.

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 **84DEF7**, and if you desaturate by 10%, it is **B6E8F7**.

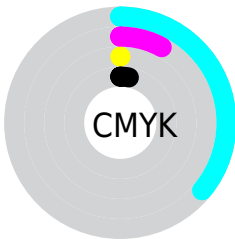
Distribution



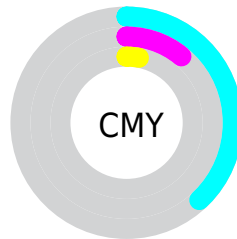
- Red (62%)
- Green (89%)
- Blue (97%)



- 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 9DE3F7 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 9DE3F7 by changing the saturation by 10% instead.

 9DE3F7

 9DE3F7

FFFFFF

 81C7DA

 D6FFFF

 65ACBF

 F4FFFF

 4991A4

 2C7789

 005E70

 004757

 003040

 001C2A

 000115

 9DE3F7

 9DE3F7

 84DEF7

 B6E8F7

 6CD8F7

 CEEEF7

 53D3F7

 E7F3F7

 3ACDF7

 FFF9F7

 22C8F7

 FFFE7F7

 09C2F7

 FFFFF7

 00C0F7

Harmonies

Analogous

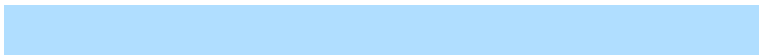
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CE5E3



9DE3F7



B0DEFF

Triad

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



9DE3F7



FECAE5



DEDAAD

Complementary

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



9DE3F7



F7B19D

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.



F4D3AD



9DE3F7



FFC9CE

Square

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



9DE3F7



EACFF9



FFCCBA



C4E1B8

Rectangle

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



9DE3F7



C3D9FF



FFCCBA



E6D8AB

Sweetspot

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



9DE3F7



E3F9FF



9DF7B1



6F7C80



000000



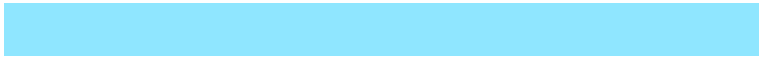
808080

Same Dimension

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



9DE3F7



8FE6FF



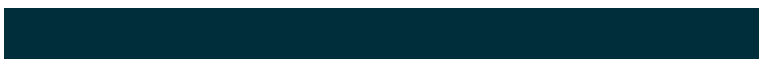
9DB6F7



6E787A



0091BA



002E3B

Inverse Universe

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



F79DE3



FF8FE6



F7DE9D



7A6E78



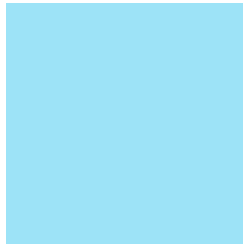
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 9DE3F7 looks on a white background.

Color Contrast Check

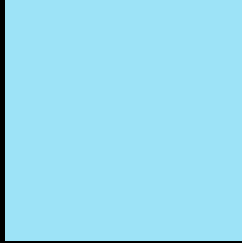
Large Text (above 18pt) WCAG AA × Fail

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 9DE3F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

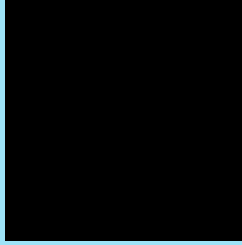
Any Text WCAG AA ✓ Pass

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 9DE3F7 Background



This preview shows how black text looks on a background with the Hex color 9DE3F7.

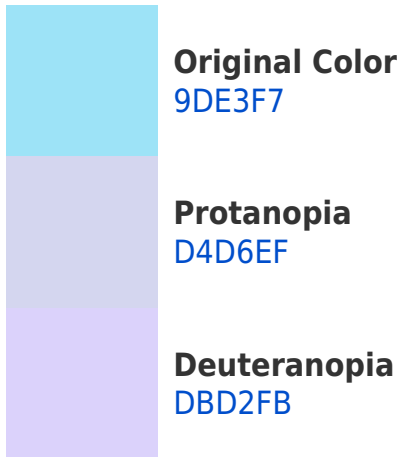


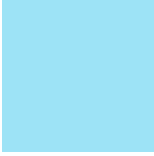
This preview shows how white text looks on a background with the Hex color 9DE3F7.

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](#).

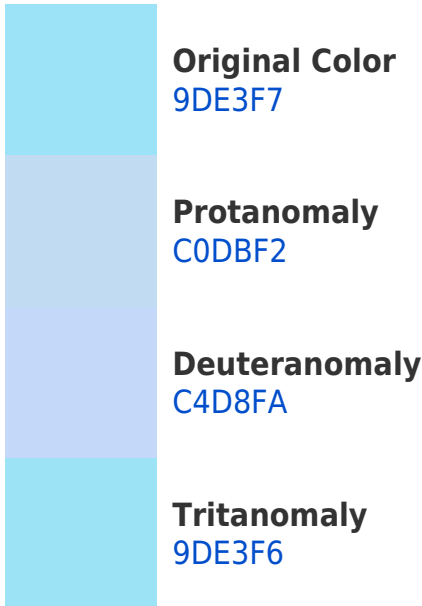
Dichromacy



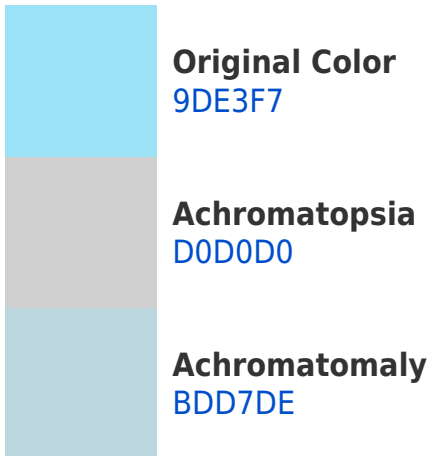


Tritanopia
9DE3F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE3F7 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 #9DE3F7 looks like.

```
.text, #text, p{  
    color:#9DE3F7  
}
```

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 #9DE3F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE3F7
}
```

Border

The CSS property to change the border of an element to Hex 9DE3F7 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
#9DE3F7 }
```

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

```
.border{ border-color:#9DE3F7 }
```

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

Here you see how a box with a 4 pixel #9DE3F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE3F7; -webkit-box-shadow:4px 4px  
4px 4px #9DE3F7; box-shadow:4px 4px 4px  
4px #9DE3F7 }
```

Background

The CSS property to change the background color of an element to Hex 9DE3F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE3F7 }
```

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

```
.background{ background-color:#9DE3F7 }
```

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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