

Converting Colors

Hex(9DE0F0)

Have a look what the booklet for
Hex(9DE0F0) contains.

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Color

Hex(9DE0F0)

Conversions

Conversions Part 1

Format	Color
Hex	9DE0F0
RGB	157, 224, 240
RGB Percent	62%, 88%, 94%
CMY	0.3843, 0.1216, 0.0588
CMYK	0.35, 0.07, 0.00, 0.06
HSL	192°, 73%, 78%
HSV	192°, 35%, 94%
XYZ	56.2885, 66.7707, 92.3594
YIQ	205.7910, -45.0680, -9.2280

Conversions

Conversions Part 2

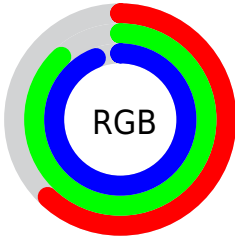
Format	Color
R _Y B	157, 194, 240
Decimal	10346736
CIE Lab	85.39, -17.13, -14.52
CIE LCh	85, 22.455, 220.275
Yxy	66.7707, 0.2613, 0.3100
Android (android.graphics.Color)	4288536816 (0xFF9DE0F0)
YUV	205.7910, 16.8650, -42.7897
Hunter-Lab	81.7133, -20.0381, -9.8153

Details

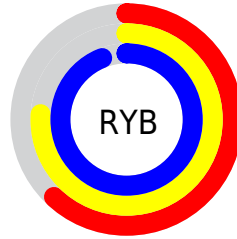
The Hex color **9DE0F0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0AD9D**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D6FFFF**, and **66A9B8** is the 20% darker color. If you saturate the color by 10%, you get **85DBF0**, and if you desaturate by 10%, it is **B5E5F0**.

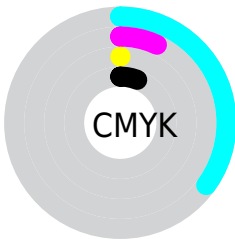
Distribution



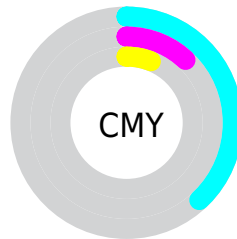
- Red (62%)
- Green (88%)
- Blue (94%)



- Red (62%)
- Yellow (76%)
- Blue (94%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (38%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE0F0 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 9DE0F0 by changing the saturation by 10% instead.

 9DE0F0

 9DE0F0

FFFFFF

 81C4D4

 D6FFFF

 66A9B8

 F3FFFF

 4B8E9D

 2E7483

 085C6A

 004452

 002E3B

 001A25

 00010F

 9DE0F0

 9DE0F0

 85DBF0

 B5E5F0

 6DD7F0

 CDE9F0

 55D2F0

 E5EEF0

 3DCDF0

 FDF3F0

 25C9F0

 FFF7F0

 0DC4F0

 FFFCF0

 00C2F0

 FFFFF0

Harmonies

Analogous

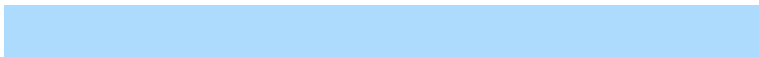
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FE2DC



9DE0F0



ACDBFD

Triad

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



9DE0F0



F7C8E4



DED6AC

Complementary

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



9DE0F0



F0AD9D

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.



F3CFAE



9DE0F0



FFC6CF

Square

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



9DE0F0



E2CEF6



FFC9BB



C6DCB5

Rectangle

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



9DE0F0



BDD7FF



FFC9BB



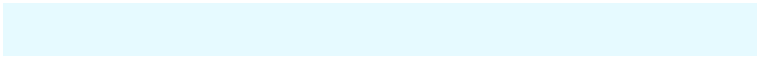
E6D4AB

Sweetspot

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



9DE0F0



E6FAFF



9DF0AC



707D80



000000



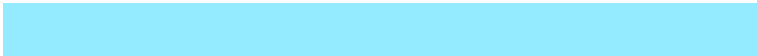
808080

Same Dimension

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



9DE0F0



94EAFB



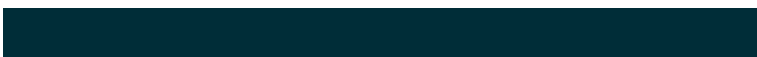
9DB7F0



6C7678



0094B8



002D38

Inverse Universe

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



F09DE0



FF94EA



F0D69D



786C76



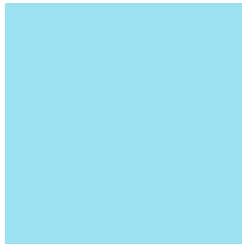
B80094



38002D

Previews

White Background



This preview shows how the Hex color 9DE0F0 looks on a white background.

Color Contrast Check

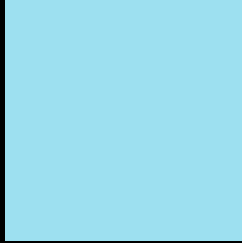
Large Text (above 18pt) WCAG AA × Fail

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 9DE0F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

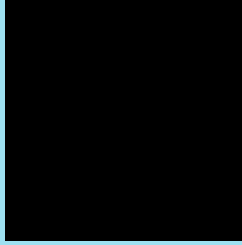
Any Text WCAG AA ✓ Pass

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 9DE0F0 Background



This preview shows how black text looks on a background with the Hex color 9DE0F0.

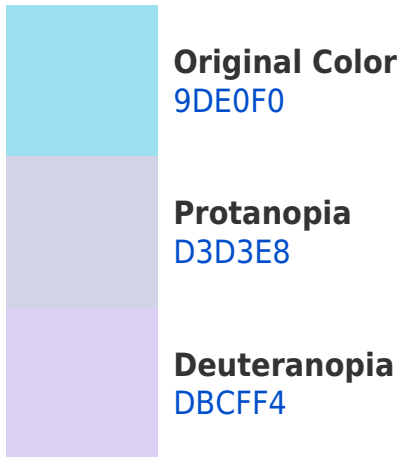


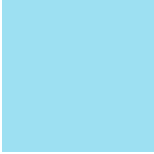
This preview shows how white text looks on a background with the Hex color 9DE0F0.

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](#).

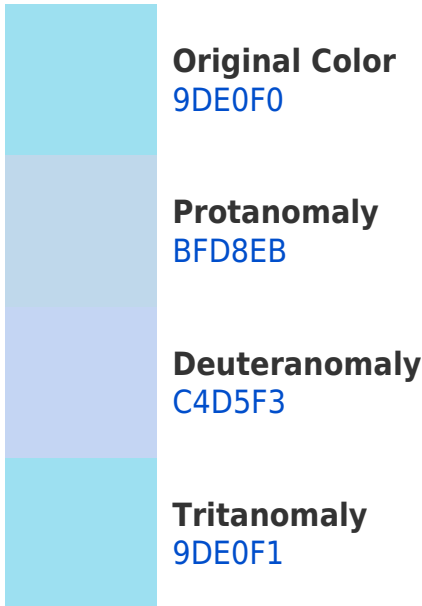
Dichromacy



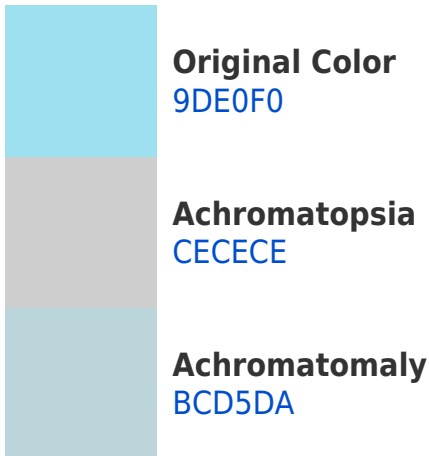


Tritanopia
9DE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE0F0 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 #9DE0F0 looks like.

```
.text, #text, p{  
    color:#9DE0F0  
}
```

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 #9DE0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE0F0
}
```

Border

The CSS property to change the border of an element to Hex 9DE0F0 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
#9DE0F0 }
```

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

```
.border{ border-color:#9DE0F0 }
```

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

Here you see how a box with a 4 pixel #9DE0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE0F0; -webkit-box-shadow:4px 4px  
4px 4px #9DE0F0; box-shadow:4px 4px 4px  
4px #9DE0F0 }
```

Background

The CSS property to change the background color of an element to Hex 9DE0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE0F0 }
```

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

```
.background{ background-color:#9DE0F0 }
```

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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