

# Converting Colors

Hex(EC9CFF)

Have a look what the booklet for  
Hex(EC9CFF) contains.

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# Color

**Hex(EC9CFF)**

# Conversions

Conversions Part 1	
Format	Color
Hex	EC9CFF
RGB	236, 156, 255
RGB Percent	93%, 61%, 100%
CMY	0.0745, 0.3882, 0.0000
CMYK	0.07, 0.39, 0.00, 0.00
HSL	288°, 100%, 81%
HSV	288°, 39%, 100%
XYZ	64.5305, 48.8298, 100.6317
YIQ	191.2060, 15.9010, 47.7490

# Conversions

## Conversions Part 2

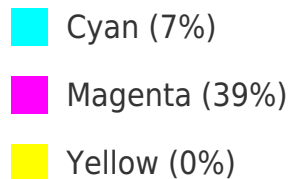
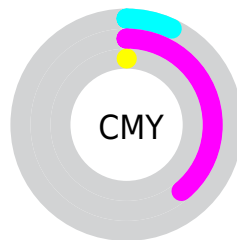
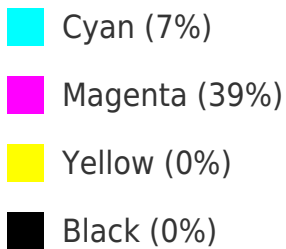
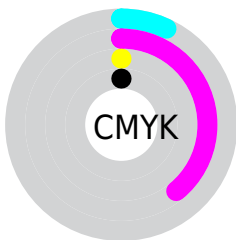
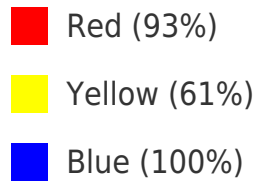
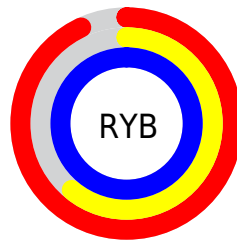
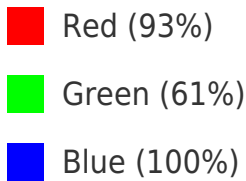
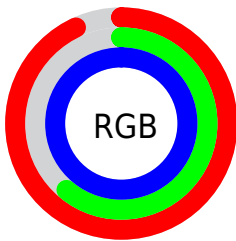
Format	Color
<a href="#">RYB</a>	<a href="#">236, 156, 255</a>
Decimal	<a href="#">15506687</a>
CIELab	<a href="#">75.35, 45.72, -37.32</a>
CIELCh	<a href="#">75, 59.022, 320.776</a>
Yxy	<a href="#">48.8298, 0.3016, 0.2282</a>
Android (android.graphics.Color)	<a href="#">4293696767</a> (0xFFEC9CFF)
YUV	<a href="#">191.2060, 31.4504, 39.2843</a>
Hunter-Lab	<a href="#">69.8783, 42.5523, -36.4686</a>

# Details

The Hex color **EC9CFF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **AFF9C**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFD4FF**, and **B367C6** is the 20% darker color. If you saturate the color by 10%, you get **E783FF**, and if you desaturate by 10%, it is **F1B6FF**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color EC9CFF 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 EC9CFF by changing the saturation by 10% instead.



 EC9CFF

FFFFFF

 FFD4FF

 FFF1FF

 EC9CFF

 CF81E2

 B367C6

 974DAA

 7C3390

 611976

 47005C

 2E0044

 16002E

 000118

 EC9CFF

 EC9CFF

 E783FF

 F1B6FF

 E269FF

 F6CFFF

 DD50FF

 FBE9FF

 D836FF

FFFFFF

 D41DFF

 CF03FF

 CE00FF

# Harmonies

## Analogous

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



A0B2FF



EC9CFF



FF8CCD

# Triad

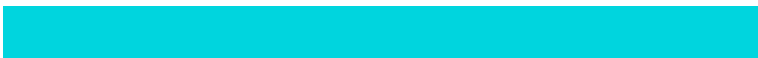
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EC9CFF



E7B14A



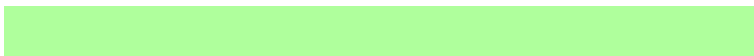
00D5DE

# Complementary

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



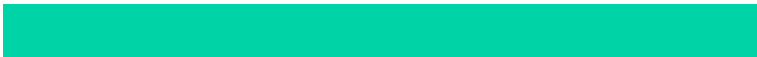
EC9CFF



AFF9C

# 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.



00D4A6



EC9CFF



B3C24E

# Square

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



EC9CFF



FF9C67



73CE72



00D0FF

# Rectangle

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



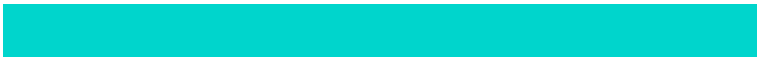
EC9CFF



FF8AA8



73CE72



00D5CC



# Sweetspot

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



EC9CFF



F9E0FF



9CB0FF



7C6E80



000000



808080



# Same Dimension

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



EC9CFF



E887FF



FF9CE1



7D7380



9B00BF



340040



# Inverse Universe

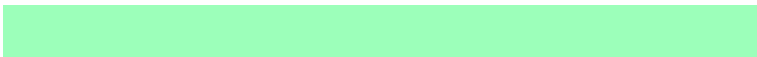
The Inverse Universe completely reimagines the original color for something new.



FF9CAF



FF879E



9CFFBA



807375



BF0025

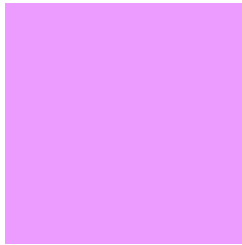


40000C



# Previews

## White Background



This preview shows how the Hex color EC9CFF looks on a white background.

## Color Contrast Check

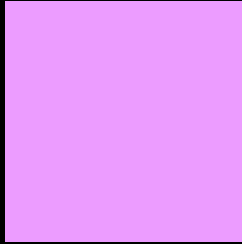
Large Text (above 18pt) WCAG AA × Fail

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 EC9CFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

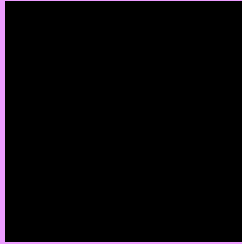
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EC9CFF Background



This preview shows how black text looks on a background with the Hex color EC9CFF.



This preview shows how white text looks on a background with the Hex color EC9CFF.

# 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



**Original Color**

EC9CFF

**Protanopia**

A4B8FF

**Deuteranopia**

A8B7FA



# Tritanopia

## E2ABB8

# Trichromacy



**Original Color**

EC9CFF



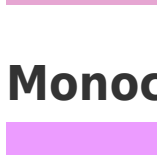
**Protanomaly**

BEAEFF



**Deuteranomaly**

C1ADFC



**Tritanomaly**

E6A6D2

# Monochromacy



**Original Color**

EC9CFF



**Achromatopsia**

BFBFBF



**Achromatomaly**

CFB2D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC9CFF 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 #EC9CFF looks like.

```
.text, #text, p{  
    color:#EC9CFF  
}
```

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 #EC9CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9CFF
}
```

## Border

The CSS property to change the border of an element to Hex EC9CFF 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
#EC9CFF }
```

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

```
.border{ border-color:#EC9CFF }
```

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

Here you see how a box with a 4 pixel #EC9CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9CFF; -webkit-box-shadow:4px 4px  
4px 4px #EC9CFF; box-shadow:4px 4px 4px  
4px #EC9CFF }
```

# Background

The CSS property to change the background color of an element to Hex EC9CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9CFF }
```

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

```
.background{ background-color:#EC9CFF }
```

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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