

# Converting Colors

Hex(E099FF)

Have a look what the booklet for  
Hex(E099FF) contains.

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**Color**

**Hex(E099FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E099FF
RGB	224, 153, 255
RGB Percent	88%, 60%, 100%
CMY	0.1216, 0.4000, 0.0000
CMYK	0.12, 0.40, 0.00, 0.00
HSL	282°, 100%, 80%
HSV	282°, 40%, 100%
XYZ	60.1817, 45.8498, 100.2857
YIQ	185.8570, 9.5740, 46.7740

# Conversions

## Conversions Part 2

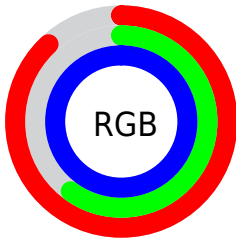
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 153, 255
Decimal	14719487
CIE <sub>Lab</sub>	73.45, 43.80, -40.37
CIE <sub>LCh</sub>	73, 59.566, 317.333
Yxy	45.8498, 0.2917, 0.2222
Android (android.graphics.Color)	4292909567 (0xFFE099FF)
YUV	185.8570, 34.0875, 33.4514
Hunter-Lab	67.7125, 40.1511, -40.4129

# Details

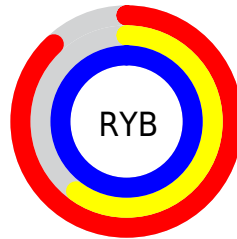
The Hex color **E099FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8FF99**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD0FF**, and **A764C6** is the 20% darker color. If you saturate the color by 10%, you get **D880FF**, and if you desaturate by 10%, it is **E8B3FF**.

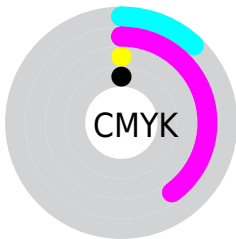
# Distribution



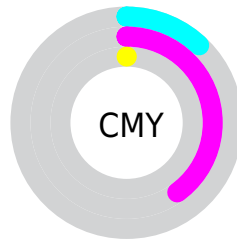
- Red (88%)
- Green (60%)
- Blue (100%)



- Red (88%)
- Yellow (60%)
- Blue (100%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E099FF 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 E099FF by changing the saturation by 10% instead.



 E099FF

 E099FF

FFFFFF

 C37EE2

 FFD0FF

 A764C6

 FFEDFF

 8C4BAA

 71328F

 561875

 3D005C

 240044

 00002D

 000117

 E099FF

 E099FF

 D880FF

 E8B3FF

 D166FF

 F0CCFF

 C94DFF

 F7E6FF

 C133FF

FFFFFF

 B919FF

 B200FF

# Harmonies

## Analogous

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



8FAFFF



E099FF



FF87CE

# Triad

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



E099FF



E7A946



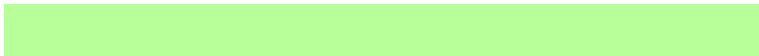
00CFD3

# Complementary

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



E099FF



B8FF99

# 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.



00CE9B



E099FF



B4BB45

# Square

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



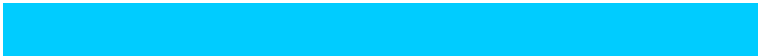
E099FF



FF9566



75C767



00CCFF

# Rectangle

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



E099FF



FF84A9



75C767



00D0C1



# Sweetspot

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



E099FF



F6E0FF



99B9FF



7A6E80



000000



808080



# Same Dimension

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



E099FF



DA85FF



FF99EC



7C7380



8500BF



2C0040



# Inverse Universe

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



FF99B8



FF85AA



99FFAC



807377



BF003A

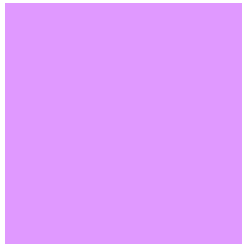


400013



# Previews

## White Background



This preview shows how the Hex color E099FF 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

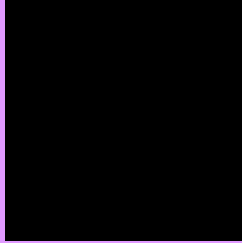
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E099FF Background



This preview shows how black text looks on a background with the Hex color E099FF.



This preview shows how white text looks on a background with the Hex color E099FF.

# 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**  
E099FF

**Protanopia**  
9CB2FF

**Deuteranopia**  
9EB2FA



**Tritanopia**  
D5A9B6

# Trichromacy



**Original Color**  
E099FF



**Protanomaly**  
B5A9FF



**Deuteranomaly**  
B6A9FC



**Tritanomaly**  
D9A3D1

# Monochromacy



**Original Color**  
E099FF



**Achromatopsia**  
BABABA



**Achromatomaly**  
C8AED3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E099FF 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 #E099FF looks like.

```
.text, #text, p{  
    color:#E099FF  
}
```

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 #E099FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E099FF
}
```

## Border

The CSS property to change the border of an element to Hex E099FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

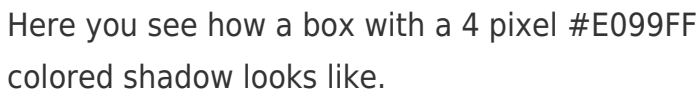
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E099FF }
```

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

```
.border{ border-color:#E099FF }
```

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



Here you see how a box with a 4 pixel #E099FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E099FF; -webkit-box-shadow:4px 4px  
4px 4px #E099FF; box-shadow:4px 4px 4px  
4px #E099FF }
```

# Background

The CSS property to change the background color of an element to Hex E099FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E099FF }
```

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

```
.background{ background-color:#E099FF }
```

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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