

Converting Colors

Hex(EC99FF)

Have a look what the booklet for
Hex(EC99FF) contains.

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Color

Hex(EC99FF)

Conversions

Conversions Part 1

Format	Color
Hex	EC99FF
RGB	236, 153, 255
RGB Percent	93%, 60%, 100%
CMY	0.0745, 0.4000, 0.0000
CMYK	0.07, 0.40, 0.00, 0.00
HSL	289°, 100%, 80%
HSV	289°, 40%, 100%
XYZ	64.0333, 47.8353, 100.4660
YIQ	189.4450, 16.7260, 49.3180

Conversions

Conversions Part 2

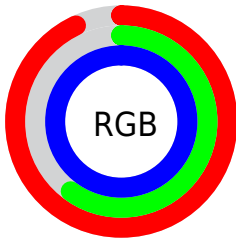
Format	Color
R _Y B	236, 153, 255
Decimal	15505919
CIE Lab	74.72, 47.28, -38.29
CIE LCh	75, 60.844, 320.997
Yxy	47.8353, 0.3016, 0.2253
Android (android.graphics.Color)	4293695999 (0xFFEC99FF)
YUV	189.4450, 32.3186, 40.8287
Hunter-Lab	69.1631, 44.2253, -37.7102

Details

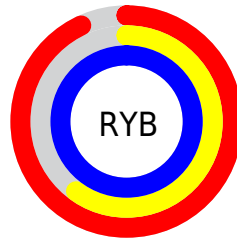
The Hex color **EC99FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **ACFF99**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFD1FF**, and **B364C6** is the 20% darker color. If you saturate the color by 10%, you get **E780FF**, and if you desaturate by 10%, it is **F1B3FF**.

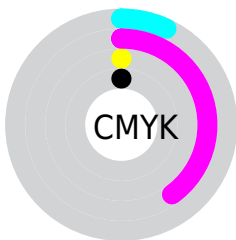
Distribution



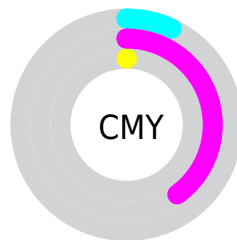
- Red (93%)
- Green (60%)
- Blue (100%)



- Red (93%)
- Yellow (60%)
- Blue (100%)



- Cyan (7%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC99FF 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 EC99FF by changing the saturation by 10% instead.

 EC99FF

FFFFFF

 FFD1FF

 FFE0FF


 EC99FF

 CF7EE2

 B364C6

 974AAA

 7C3090

 611476

 47005C

 2E0044

 14002D

 000117

 EC99FF

 EC99FF

 E780FF

 F1B3FF

 E266FF

 F5CCFF

 DE4DFF

 FAE6FF

 D933FF

FFFFFF

 D419FF

 CF00FF

Harmonies

Analogous

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



9EB0FF



EC99FF



FF88CB

Triad

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



EC99FF



E6AF44



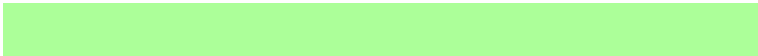
00D3DE

Complementary

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



EC99FF



ACFF99

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.



00D3A5



EC99FF



B1C149

Square

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



EC99FF



FF9A62



6DCD6E



00CFFF

Rectangle

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



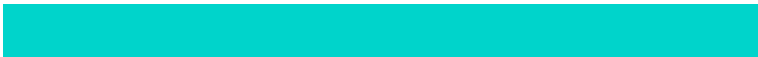
EC99FF



FF86A5



6DCD6E



00D4CB

Sweetspot

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



EC99FF



F9E0FF



99ADFF



7C6E80



000000



808080

Same Dimension

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



EC99FF



E885FF



FF99E0



7D7380



9C00BF



340040

Inverse Universe

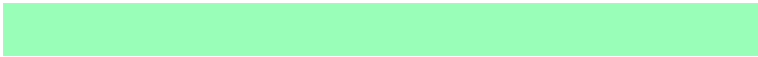
The Inverse Universe completely reimagines the original color for something new.



FF99AC



FF859B



99FFB8



807375



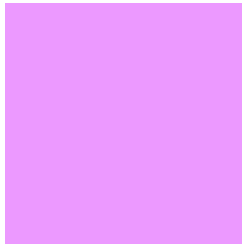
BF0024



40000C

Previews

White Background



This preview shows how the Hex color EC99FF looks on a white background.

Color Contrast Check

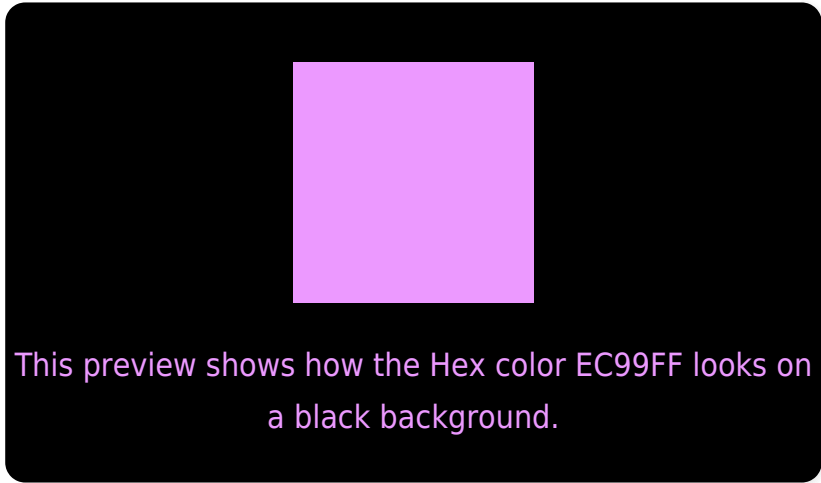
Large Text (above 18pt) WCAG AA × Fail

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

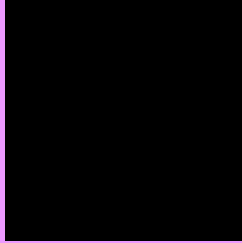
Any Text WCAG AA ✓ Pass

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 EC99FF Background



This preview shows how black text looks on a background with the Hex color EC99FF.

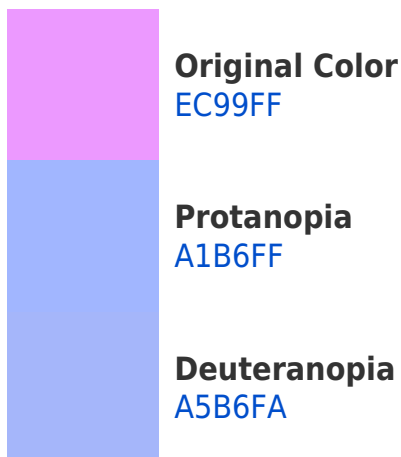


This preview shows how white text looks on a background with the Hex color EC99FF.

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
E2A9B6

Trichromacy



Original Color
EC99FF



Protanomaly
BCABFF



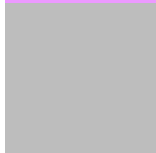
Deuteranomaly
BFABFC

Tritanomaly
E6A3D1

Monochromacy



Original Color
EC99FF



Achromatopsia
BDBDBD



Achromatomaly
CEB0D5

CSS Examples

Text

The CSS property to change the color of the text to Hex EC99FF 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 #EC99FF looks like.

```
.text, #text, p{  
    color:#EC99FF  
}
```

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 #EC99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC99FF
}
```

Border

The CSS property to change the border of an element to Hex EC99FF 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
#EC99FF }
```

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

```
.border{ border-color:#EC99FF }
```

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

Here you see how a box with a 4 pixel #EC99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC99FF; -webkit-box-shadow:4px 4px  
4px 4px #EC99FF; box-shadow:4px 4px 4px  
4px #EC99FF }
```

Background

The CSS property to change the background color of an element to Hex EC99FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC99FF }
```

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

```
.background{ background-color:#EC99FF }
```

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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