

Converting Colors

Hex(EC9BFD)

Have a look what the booklet for
Hex(EC9BFD) contains.

Hex(EC9BFD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EC9BFD)

Conversions

Conversions Part 1

Format	Color
Hex	EC9BFD
RGB	236, 155, 253
RGB Percent	93%, 61%, 99%
CMY	0.0745, 0.3922, 0.0078
CMYK	0.07, 0.39, 0.00, 0.01
HSL	290°, 96%, 80%
HSV	290°, 39%, 99%
XYZ	64.0430, 48.3674, 98.8889
YIQ	190.3910, 16.8180, 47.6500

Conversions

Conversions Part 2

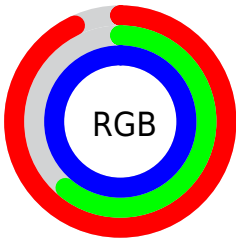
Format	Color
RYB	236, 155, 253
Decimal	15506429
CIELab	75.06, 45.86, -36.69
CIELCh	75, 58.731, 321.339
Yxy	48.3674, 0.3031, 0.2289
Android (android.graphics.Color)	4293696509 (0xFFEC9BFD)
YUV	190.3910, 30.8662, 39.9991
Hunter-Lab	69.5467, 42.6675, -35.6222

Details

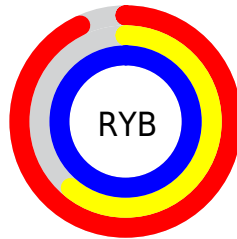
The Hex color **EC9BFD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **ACFD9B**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFD3FF**, and **B366C4** is the 20% darker color. If you saturate the color by 10%, you get **E882FD**, and if you desaturate by 10%, it is **F0B4FD**.

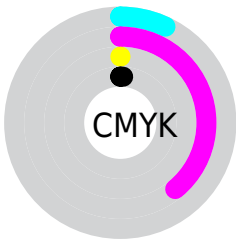
Distribution



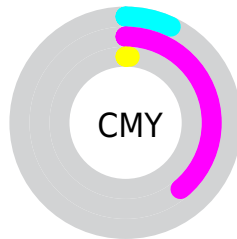
- Red (93%)
- Green (61%)
- Blue (99%)



- Red (93%)
- Yellow (61%)
- Blue (99%)



- Cyan (7%)
- Magenta (39%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (39%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9BFD 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 EC9BFD by changing the saturation by 10% instead.

 EC9BFD

 EC9BFD

FFFFFF

 CF80E0


 FFD3FF

 B366C4

 FFF0FF

 974CA9

 7C328E

 611774

 47005B

 2E0043

 15002C

 000116

 EC9BFD

 EC9BFD

 E882FD

 F0B4FD

 E368FD

 F5CEFD

 DF4FFD

 F9E7FD

 DA36FD

FEFFFFD

 D61CFD

FFFFFFD

 D203FD

 D100FD

Harmonies

Analogous

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



A2B1FF



EC9BFD



FF8BCB

Triad

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



EC9BFD



E5B04A



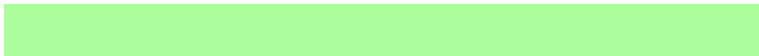
00D4DE

Complementary

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



EC9BFD



ACFD9B

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.



00D3A7



EC9BFD



B2C24E

Square

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



EC9BFD



FF9C66



71CD72



00CFFF

Rectangle

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



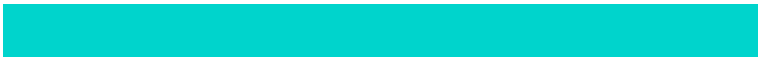
EC9BFD



FF8AA6



71CD72



00D4CC

Sweetspot

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



EC9BFD



FAE0FF



9BADFD



7C6E80



000000



808080

Same Dimension

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



EC9BFD



EB8AFF



FD9BDE



7D7380



9E00BF



350040

Inverse Universe

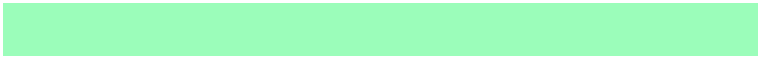
The Inverse Universe completely reimagines the original color for something new.



FD9BAC



FF8A9E



9BFDBA



807375



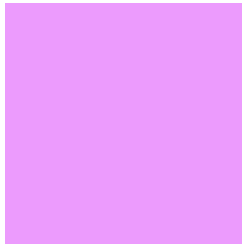
BF0021



40000B

Previews

White Background



This preview shows how the Hex color EC9BFD looks on a white background.

Color Contrast Check

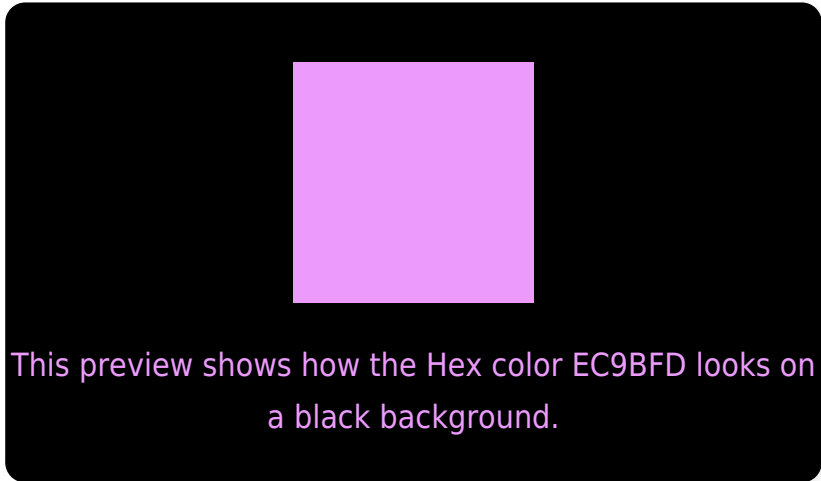
Large Text (above 18pt) WCAG AA × Fail

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 EC9BFD Background



This preview shows how black text looks on a background with the Hex color EC9BFD.

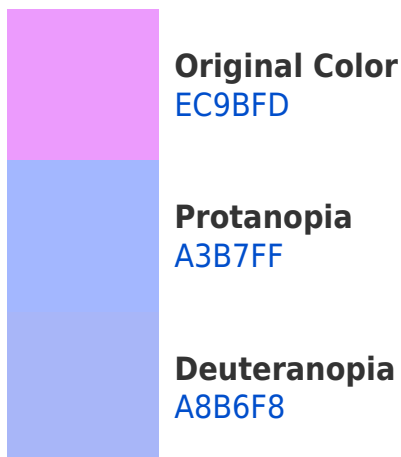


This preview shows how white text looks on a background with the Hex color EC9BFD.

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](#).

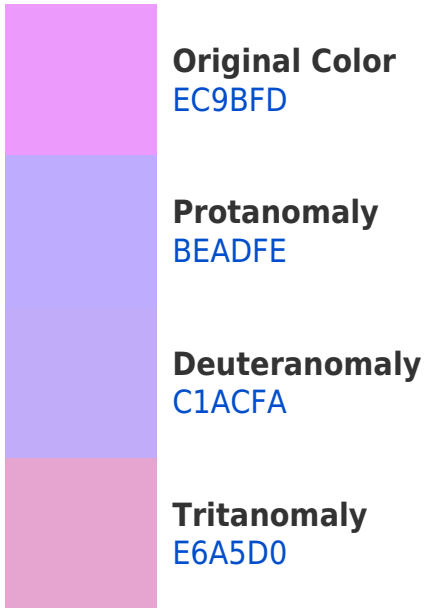
Dichromacy



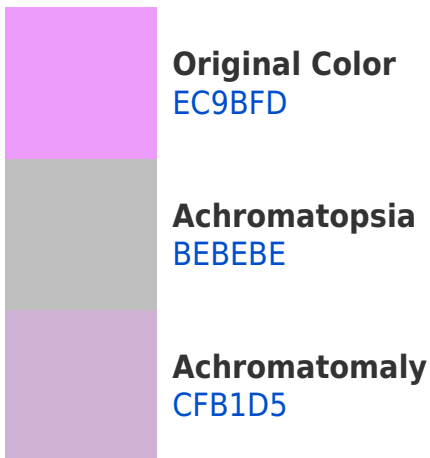


Tritanopia
E2AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC9BFD 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 #EC9BFD looks like.

```
.text, #text, p{  
    color:#EC9BFD  
}
```

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 #EC9BFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9BFD
}
```

Border

The CSS property to change the border of an element to Hex EC9BFD 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
#EC9BFD }
```

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

```
.border{ border-color:#EC9BFD }
```

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

Here you see how a box with a 4 pixel #EC9BFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9BFD; -webkit-box-shadow:4px 4px  
4px 4px #EC9BFD; box-shadow:4px 4px 4px  
4px #EC9BFD }
```

Background

The CSS property to change the background color of an element to Hex EC9BFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9BFD }
```

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

```
.background{ background-color:#EC9BFD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor