

# Converting Colors

Hex(EC9FF2)

Have a look what the booklet for  
Hex(EC9FF2) contains.

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# Color

**Hex(EC9FF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC9FF2
RGB	236, 159, 242
RGB Percent	93%, 62%, 95%
CMY	0.0745, 0.3765, 0.0510
CMYK	0.02, 0.34, 0.00, 0.05
HSL	296°, 76%, 79%
HSV	296°, 34%, 95%
XYZ	63.0172, 49.0399, 90.1487
YIQ	191.4850, 19.2490, 42.1370

# Conversions

## Conversions Part 2

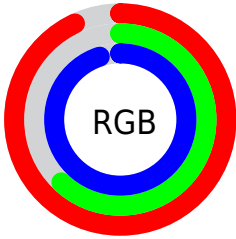
Format	Color
R <sub>YB</sub>	236, 159, 242
Decimal	15507442
CIE <sub>Lab</sub>	75.48, 41.70, -30.08
CIE <sub>LCh</sub>	75, 51.416, 324.191
Yxy	49.0399, 0.3116, 0.2425
Android (android.graphics.Color)	4293697522 (0xFFEC9FF2)
YUV	191.4850, 24.9039, 39.0397
Hunter-Lab	70.0285, 38.0785, -27.3049

# Details

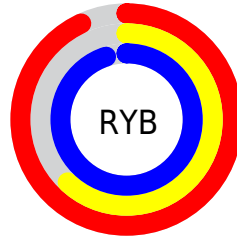
The Hex color **EC9FF2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A5F29F**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFD7FF**, and **B36ABA** is the 20% darker color. If you saturate the color by 10%, you get **EA87F2**, and if you desaturate by 10%, it is **EEB7F2**.

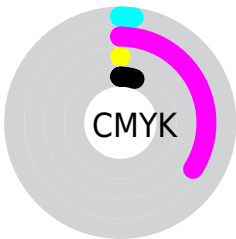
# Distribution



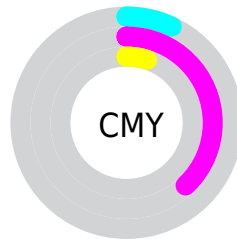
- Red (93%)
- Green (62%)
- Blue (95%)



- Red (93%)
- Yellow (62%)
- Blue (95%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (38%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC9FF2 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 EC9FF2 by changing the saturation by 10% instead.



 EC9FF2

 EC9FF2

FFFFFF

 CF84D5

 FFD7FF

 B36ABA

 FFF4FF

 97509F

 7C3784

 621E6B

 490052

 30003B

 180025

 00000C

 EC9FF2

 EC9FF2

 EA87F2

 EEB7F2

 E96FF2

 EFCFF2

 E756F2

 F1E8F2

 E53EF2

 F3FFF2

 E326F2

 F5FFF2

 E20EF2

 F6FFF2

 E100F2

 F8FFF2

 FAFFF2

 FCFFF2

# Harmonies

## Analogous

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



AFB1FF



EC9FF2



FF93C5

# Triad

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



EC9FF2



DFB459



00D2DF

# Complementary

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



EC9FF2



A5F29F

# 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.



03D2AF



EC9FF2



B0C360

# Square

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



EC9FF2



FFA36E



77CD80



00CDFF

# Rectangle

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



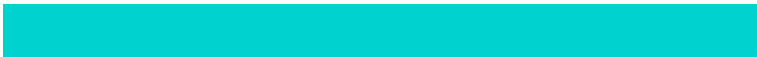
EC9FF2



FF93A5



77CD80



00D2D0



# Sweetspot

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



EC9FF2



FDE6FF



9FA6F2



7E7080



000000



808080



# Same Dimension

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



EC9FF2



F796FF



F29FCF



776C78



AA00B8



340038



# Inverse Universe

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



F29FA5



FF969E



9FF2C2



786C6D



B8000D

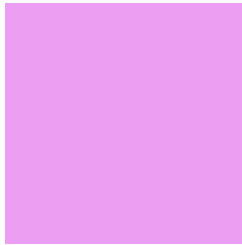


380004



# Previews

## White Background



This preview shows how the Hex color EC9FF2 looks on a white background.

## Color Contrast Check

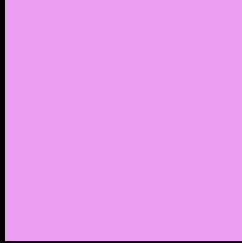
Large Text (above 18pt) WCAG AA × Fail

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 EC9FF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

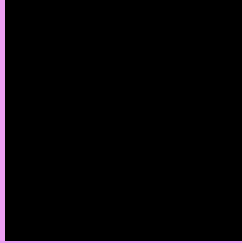
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EC9FF2 Background



This preview shows how black text looks on a background with the Hex color EC9FF2.



This preview shows how white text looks on a background with the Hex color EC9FF2.

# 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**  
E4ABB8

# Trichromacy



**Original Color**  
EC9FF2



**Protanomaly**  
BFAFFA



**Deuteranomaly**  
C6AEEF

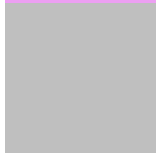


**Tritanomaly**  
E7A7CD

# Monochromacy



**Original Color**  
EC9FF2



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
CFB3D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC9FF2 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 #EC9FF2 looks like.

```
.text, #text, p{  
    color:#EC9FF2  
}
```

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 #EC9FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9FF2
}
```

## Border

The CSS property to change the border of an element to Hex EC9FF2 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
#EC9FF2 }
```

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

```
.border{ border-color:#EC9FF2 }
```

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

Here you see how a box with a 4 pixel #EC9FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9FF2; -webkit-box-shadow:4px 4px  
4px 4px #EC9FF2; box-shadow:4px 4px 4px  
4px #EC9FF2 }
```

# Background

The CSS property to change the background color of an element to Hex EC9FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9FF2 }
```

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

```
.background{ background-color:#EC9FF2 }
```

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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