

Converting Colors

Hex(EC9FE6)

Have a look what the booklet for
Hex(EC9FE6) contains.

Hex(EC9FE6)	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(EC9FE6)

Conversions

Conversions Part 1

Format	Color
Hex	EC9FE6
RGB	236, 159, 230
RGB Percent	93%, 62%, 90%
CMY	0.0745, 0.3765, 0.0980
CMYK	0.00, 0.33, 0.03, 0.07
HSL	305°, 67%, 77%
HSV	305°, 33%, 93%
XYZ	61.2731, 48.3423, 80.9645
YIQ	190.1170, 23.1010, 38.4050

Conversions

Conversions Part 2

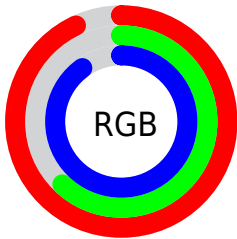
Format	Color
R _Y B	236, 159, 230
Decimal	15507430
CIE Lab	75.04, 39.52, -24.23
CIE LCh	75, 46.351, 328.487
Yxy	48.3423, 0.3215, 0.2537
Android (android.graphics.Color)	4293697510 (0xFFEC9FE6)
YUV	190.1170, 19.6623, 40.2394
Hunter-Lab	69.5286, 35.6306, -20.3718

Details

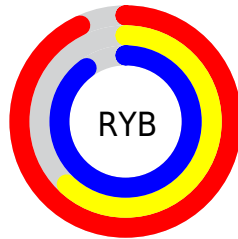
The Hex color **EC9FE6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FECA5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFD7FF**, and **B36AAE** is the 20% darker color. If you saturate the color by 10%, you get **EC87E4**, and if you desaturate by 10%, it is **ECB7E8**.

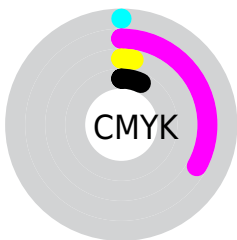
Distribution



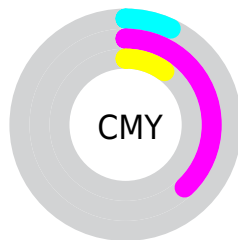
- Red (93%)
- Green (62%)
- Blue (90%)



- Red (93%)
- Yellow (62%)
- Blue (90%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9FE6 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 EC9FE6 by changing the saturation by 10% instead.

 EC9FE6

 EC9FE6

FFFFFF

 CF84CA

 FFD7FF

 B36AAE

 FFF3FF

 975194

 7D387A

 631E61

 490149

 310032

 18001C

 000000

 EC9FE6

 EC9FE6

 EC87E4

 ECB7E8

 EC70E2

 ECCEEA

 EC58E0

 ECE6EC

 EC41DF

 ECFDED

 EC29DD

 ECFFEF

 EC11DB

 ECFFF1

 EC00DA

 ECFFF3

 ECFFF5

 ECFFF7

Harmonies

Analogous

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



B9AEFF



EC9FE6



FF96BD

Triad

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



EC9FE6



D5B662



00CEE0

Complementary

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



EC9FE6



9FECA5

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.



29CFB5



EC9FE6



AAC26C

Square

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



EC9FE6



F7A671



76CB8B



00C9FF

Rectangle

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



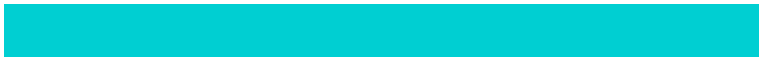
EC9FE6



FF97A0



76CB8B



00CFD2

Sweetspot

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



EC9FE6



FFE6FD



A49FEC



80707E



000000



808080

Same Dimension

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



EC9FE6



FF9CF7



EC9FC0



756A74



B500A7



360031

Inverse Universe

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



EC9FE6



FF9CF7



9FECCB



756A74



B500A7



360031

Previews

White Background



This preview shows how the Hex color EC9FE6 looks on a white background.

Color Contrast Check

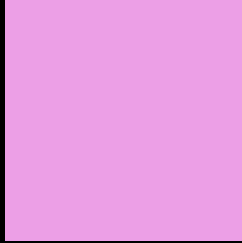
Large Text (above 18pt) WCAG AA × Fail

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 EC9FE6 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 EC9FE6 Background



This preview shows how black text looks on a background with the Hex color EC9FE6.

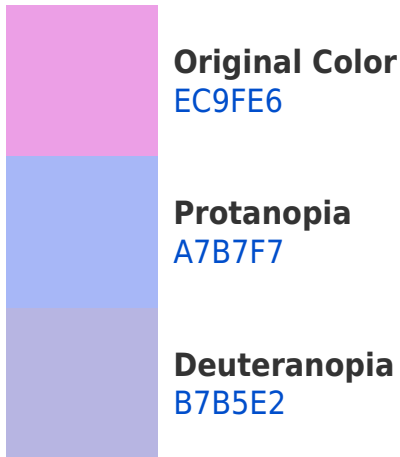


This preview shows how white text looks on a background with the Hex color EC9FE6.

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
E6A8B5

Trichromacy



Original Color
EC9FE6



Protanomaly
C0AEF1



Deuteranomaly
CAADE3

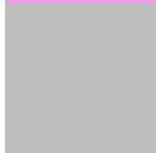


Tritanomaly
E8A5C7

Monochromacy



Original Color
EC9FE6



Achromatopsia
BEBEBE



Achromatomaly
CFB3CD

CSS Examples

Text

The CSS property to change the color of the text to Hex EC9FE6 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 #EC9FE6 looks like.

```
.text, #text, p{  
    color:#EC9FE6  
}
```

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 #EC9FE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9FE6
}
```

Border

The CSS property to change the border of an element to Hex EC9FE6 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
#EC9FE6 }
```

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

```
.border{ border-color:#EC9FE6 }
```

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

Here you see how a box with a 4 pixel #EC9FE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9FE6; -webkit-box-shadow:4px 4px  
4px 4px #EC9FE6; box-shadow:4px 4px 4px  
4px #EC9FE6 }
```

Background

The CSS property to change the background color of an element to Hex EC9FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9FE6 }
```

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

```
.background{ background-color:#EC9FE6 }
```

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