

Converting Colors

Hex(E98CFE)

Have a look what the booklet for
Hex(E98CFE) contains.

Hex(E98CFE)	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(E98CFE)

Conversions

Conversions Part 1

Format	Color
Hex	E98CFE
RGB	233, 140, 254
RGB Percent	91%, 55%, 100%
CMY	0.0863, 0.4510, 0.0039
CMYK	0.08, 0.45, 0.00, 0.00
HSL	289°, 98%, 77%
HSV	289°, 45%, 100%
XYZ	60.8717, 43.2356, 98.9029
YIQ	180.8030, 18.8340, 55.1700

Conversions

Conversions Part 2

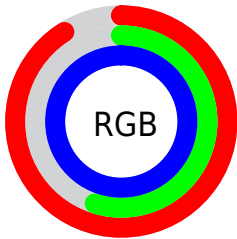
Format	Color
R _Y B	233, 140, 254
Decimal	15305982
CIE Lab	71.71, 52.91, -42.46
CIE LCh	72, 67.837, 321.250
Yxy	43.2356, 0.2998, 0.2130
Android (android.graphics.Color)	4293496062 (0xFFE98CFE)
YUV	180.8030, 36.0861, 45.7768
Hunter-Lab	65.7538, 50.1779, -43.1529

Details

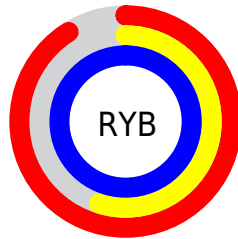
The Hex color **E98CFE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A1FE8C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC4FF**, and **AF56C5** is the 20% darker color. If you saturate the color by 10%, you get **E473FE**, and if you desaturate by 10%, it is **EEA5FE**.

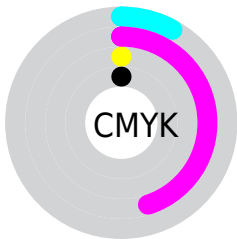
Distribution



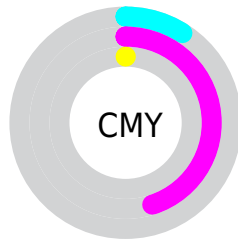
- Red (91%)
- Green (55%)
- Blue (100%)



- Red (91%)
- Yellow (55%)
- Blue (100%)



- Cyan (8%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E98CFE 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 E98CFE by changing the saturation by 10% instead.

 E98CFE

FFFFFF

 FFC4FF

 FFE0FF

FFFEFF

 E98CFE

 CC71E1

 AF56C5

 933CA9

 78208E

 5D0074

 43005B

 2B0043

 06002C

 000116

 E98CFE

 E98CFE

 E473FE

 EEA5FE

 E059FE

 F2BFFE

 DB40FE

 F7D8FE

 D626FE

 FCF2FE

 D20DFE

FFFFFFE

 CF00FE

Harmonies

Analogous

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



8FA7FF



E98CFE



FF77C5

Triad

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



E98CFE



DFA629



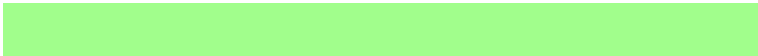
00CDDB

Complementary

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



E98CFE



A1FE8C

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.



00CC9B



E98CFE



A5BA2F

Square

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



E98CFE



FF8E50



57C65E



00C8FF

Rectangle

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



E98CFE



FF759B



57C65E



00CDC6

Sweetspot

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



E98CFE



F9DEFF



8CA3FE



7C6B80



000000



808080

Same Dimension

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



E98CFE



E675FF



FE8CDC



7D7380



9C00BF



340040

Inverse Universe

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



FE8CA1



FF758F



8CFEAE



807375



BF0023



40000C

Previews

White Background



This preview shows how the Hex color E98CFE looks on a white background.

Color Contrast Check

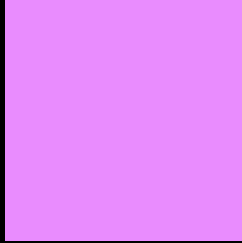
Large Text (above 18pt) WCAG AA × Fail

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 E98CFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

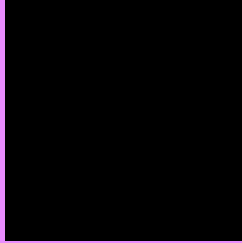
Any Text WCAG AA ✓ Pass

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 E98CFE Background



This preview shows how black text looks on a background with the Hex color E98CFE.



This preview shows how white text looks on a background with the Hex color E98CFE.

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
DD9FAB

Trichromacy



Original Color
E98CFE



Protanomaly
B3A2FF



Deuteranomaly
B5A2FA

Tritanomaly
E198C9

Monochromacy



Original Color
E98CFE



Achromatopsia
B5B5B5



Achromatomaly
C8A6D0

CSS Examples

Text

The CSS property to change the color of the text to Hex E98CFE 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 #E98CFE looks like.

```
.text, #text, p{  
    color:#E98CFE  
}
```

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 #E98CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98CFE
}
```

Border

The CSS property to change the border of an element to Hex E98CFE 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
#E98CFE }
```

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

```
.border{ border-color:#E98CFE }
```

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

Here you see how a box with a 4 pixel #E98CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98CFE; -webkit-box-shadow:4px 4px  
4px 4px #E98CFE; box-shadow:4px 4px 4px  
4px #E98CFE }
```

Background

The CSS property to change the background color of an element to Hex E98CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98CFE }
```

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

```
.background{ background-color:#E98CFE }
```

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