

# Converting Colors

Hex(EA80FE)

Have a look what the booklet for  
Hex(EA80FE) contains.

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# Color

**Hex(EA80FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA80FE
RGB	234, 128, 254
RGB Percent	92%, 50%, 100%
CMY	0.0824, 0.4980, 0.0039
CMYK	0.08, 0.50, 0.00, 0.00
HSL	290°, 98%, 75%
HSV	290°, 50%, 100%
XYZ	59.5402, 40.0865, 98.3653
YIQ	174.0580, 22.7300, 61.6580

# Conversions

## Conversions Part 2

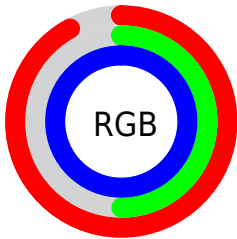
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 128, 254</a>
Decimal	<a href="#">15368446</a>
CIELab	<a href="#">69.53, 59.15, -45.87</a>
CIElCh	<a href="#">70, 74.855, 322.205</a>
Yxy	<a href="#">40.0865, 0.3007, 0.2025</a>
Android (android.graphics.Color)	<a href="#">4293558526</a> ( <a href="#">0xFFEA80FE</a> )
YUV	<a href="#">174.0580, 39.4114, 52.5691</a>
Hunter-Lab	<a href="#">63.3139, 57.0616, -47.7939</a>

# Details

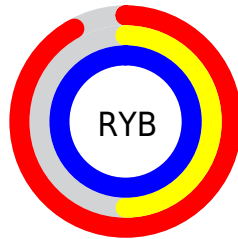
The Hex color **EA80FE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **94FE80**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFB8FF**, and **B049C5** is the 20% darker color. If you saturate the color by 10%, you get **E667FE**, and if you desaturate by 10%, it is **EE99FE**.

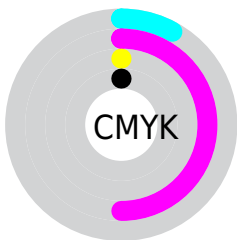
# Distribution



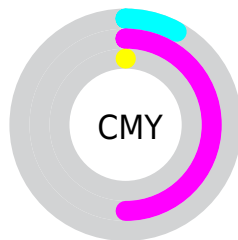
- Red (92%)
- Green (50%)
- Blue (100%)



- Red (92%)
- Yellow (50%)
- Blue (100%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA80FE 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 EA80FE by changing the saturation by 10% instead.



 EA80FE

 EA80FE

FFFFFF

 CD65E1

 FFB8FF

 B049C5

 FFD5FF

 942DA9

 FFF2FF

 78058E

 5C0074

 42005B

 2A0043

 00002B

 000116

 EA80FE

 EA80FE

 E667FE

 EE99FE

 E24DFE

 F2B3FE

 DE34FE

 F6CCFE

 DA1AFE

 FAE6FE

 D601FE

FEFFFF

 D600FE

FFFFFFE

# Harmonies

## Analogous

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



859FFF



EA80FE



FF67BF

# Triad

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



EA80FE



D9A000



00C9DB

# Complementary

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



EA80FE



94FE80

# 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.



00C895



EA80FE



9AB50C

# Square

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



EA80FE



FF843E



3BC251



00C4FF

# Rectangle

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



EA80FE



FF6591



3BC251



00C9C5



# Sweetspot

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



EA80FE



F9D9FF



8095FE



7C6980



000000



808080



# Same Dimension

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



EA80FE



E766FF



FE80D4



7D7380



A100BF



360040



# Inverse Universe

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



FE8094



FF667E



80FEAA



807375



BF001E



40000A



# Previews

## White Background



This preview shows how the Hex color EA80FE looks on a white background.

## Color Contrast Check

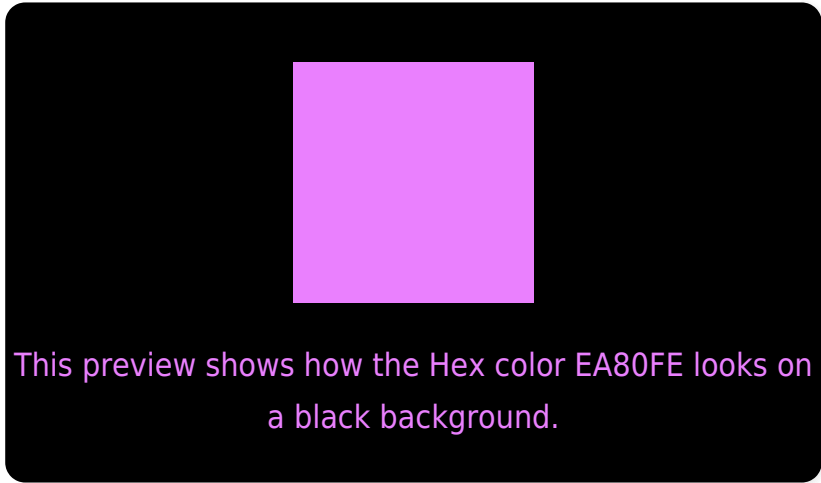
Large Text (above 18pt) WCAG AA × Fail

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

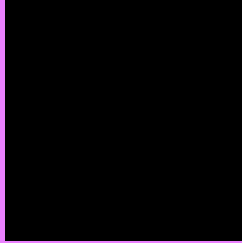
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EA80FE Background



This preview shows how black text looks on a background with the Hex color EA80FE.

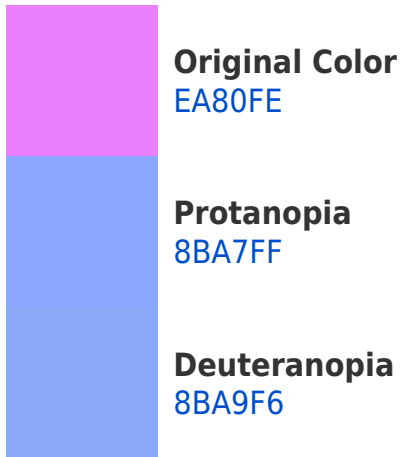


This preview shows how white text looks on a background with the Hex color EA80FE.

# 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](#).

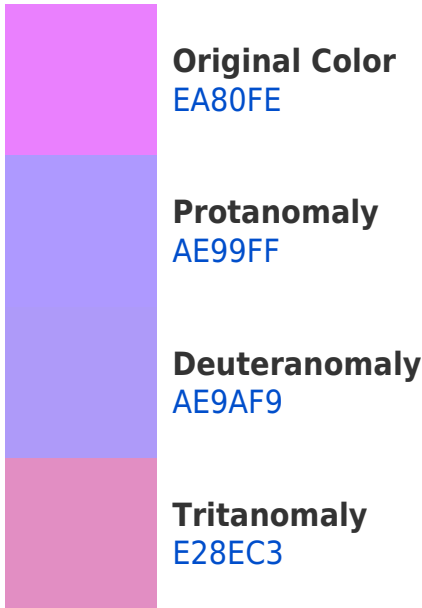
## Dichromacy



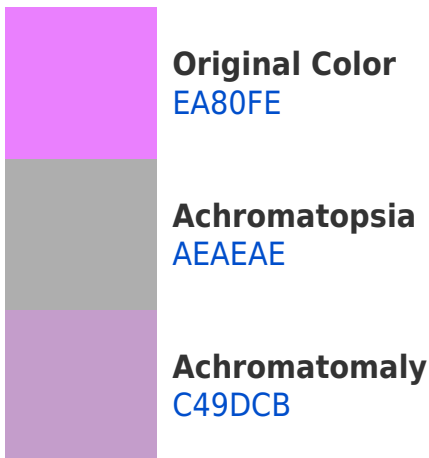


**Tritanopia**  
DD96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA80FE 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 #EA80FE looks like.

```
.text, #text, p{  
    color:#EA80FE  
}
```

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 #EA80FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA80FE
}
```

## Border

The CSS property to change the border of an element to Hex EA80FE 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
#EA80FE }
```

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

```
.border{ border-color:#EA80FE }
```

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

Here you see how a box with a 4 pixel #EA80FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA80FE; -webkit-box-shadow:4px 4px  
4px 4px #EA80FE; box-shadow:4px 4px 4px  
4px #EA80FE }
```

# Background

The CSS property to change the background color of an element to Hex EA80FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA80FE }
```

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

```
.background{ background-color:#EA80FE }
```

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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