

# Converting Colors

Hex(ED8FF4)

Have a look what the booklet for  
Hex(ED8FF4) contains.

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# Color

Hex(ED8FF4)

# Conversions

## Conversions Part 1

Format	Color
Hex	ED8FF4
RGB	237, 143, 244
RGB Percent	93%, 56%, 96%
CMY	0.0706, 0.4392, 0.0431
CMYK	0.03, 0.41, 0.00, 0.04
HSL	296°, 82%, 76%
HSV	296°, 41%, 96%
XYZ	61.0766, 44.1811, 90.8967
YIQ	182.6200, 23.6030, 51.3390

# Conversions

## Conversions Part 2

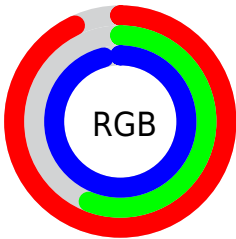
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 143, 244
Decimal	15568884
CIE Lab	72.35, 50.65, -35.99
CIE LCh	72, 62.137, 324.604
Yxy	44.1811, 0.3114, 0.2252
Android (android.graphics.Color)	4293758964 (0xFFED8FF4)
YUV	182.6200, 30.2603, 47.6913
Hunter-Lab	66.4689, 47.6989, -34.5513

# Details

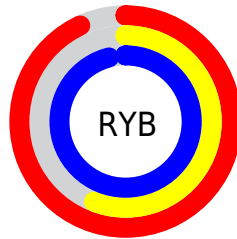
The Hex color **ED8FF4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **96F48F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFC7FF**, and **B35ABB** is the 20% darker color. If you saturate the color by 10%, you get **EB77F4**, and if you desaturate by 10%, it is **EFA7F4**.

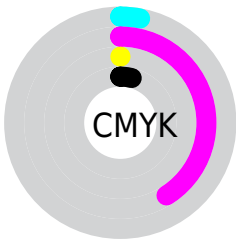
# Distribution



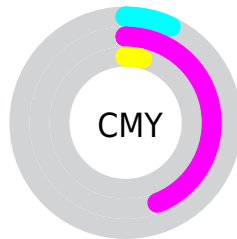
- Red (93%)
- Green (56%)
- Blue (96%)



- Red (93%)
- Yellow (56%)
- Blue (96%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (44%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8FF4 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 ED8FF4 by changing the saturation by 10% instead.



 ED8FF4

 ED8FF4

FFFFFF

 D074D7

 FFC7FF

 B35ABB

 FFE3FF

 973FA0

 7C2486

 61006C

 470053

 2F003C

 100025

 00010D

 ED8FF4

 ED8FF4

 EB77F4

 EFA7F4

 EA5EF4

 F0C0F4

 E846F4

 F2D8F4

 E62DF4

 F4F1F4

 E515F4

 F5FFF4

 E300F4

 F7FFF4

 F9FFF4

 FBFFF4

 FCFFF4

# Harmonies

## Analogous

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



A2A7FF



ED8FF4



FF7FBE

# Triad

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



ED8FF4



D9AB39



00CDDF

# Complementary

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



ED8FF4



96F48F

# 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.



00CDA5



ED8FF4



A2BC43

# Square

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



ED8FF4



FF9555



59C76D



00C7FF

# Rectangle

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



ED8FF4



FF7F98



59C76D



00CDCC



# Sweetspot

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



ED8FF4



FDE0FF



8F97F4



7E6E80



000000



808080



# Same Dimension

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



ED8FF4



F680FF



F48FCA



7A6E7A



AD00BA



37003B



# Inverse Universe

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



F48F96



FF8088



8FF4B9



7A6E6F



BA000D

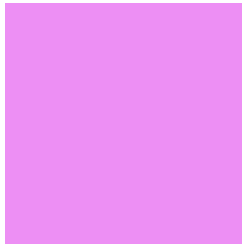


3B0004



# Previews

## White Background



This preview shows how the Hex color ED8FF4 looks on a white background.

## Color Contrast Check

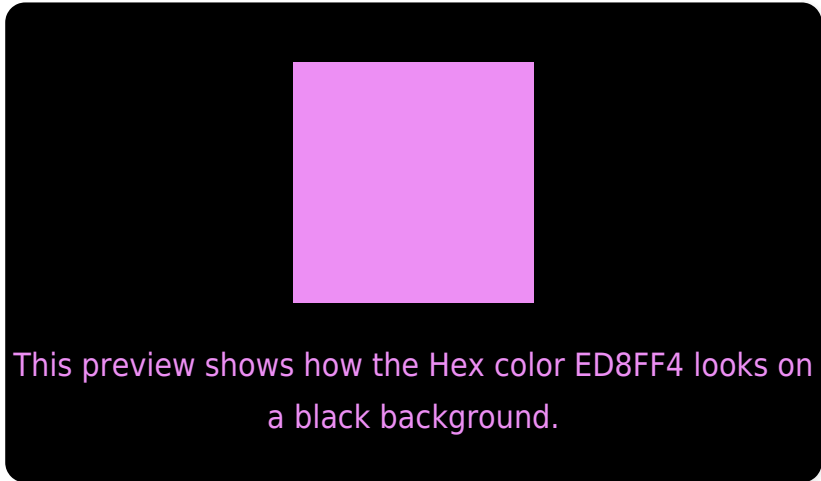
Large Text (above 18pt) WCAG AA × Fail

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

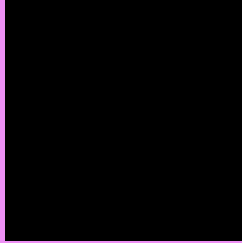
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ED8FF4 Background



This preview shows how black text looks on a background with the Hex color ED8FF4.

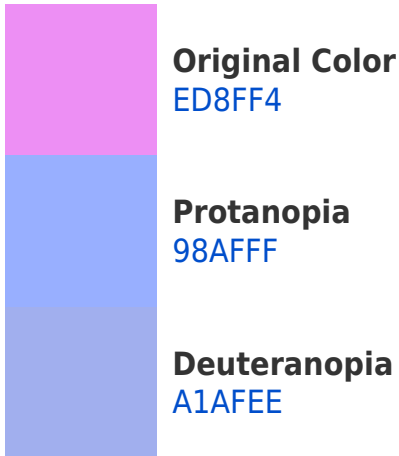


This preview shows how white text looks on a background with the Hex color ED8FF4.

# 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**  
E39FAB

# Trichromacy



**Original Color**  
ED8FF4



**Protanomaly**  
B7A3FB



**Deuteranomaly**  
BDA3F0



**Tritanomaly**  
E799C6

# Monochromacy



**Original Color**  
ED8FF4



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
CBA8CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8FF4 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 #ED8FF4 looks like.

```
.text, #text, p{  
  color:#ED8FF4  
}
```

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 #ED8FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8FF4
}
```

## Border

The CSS property to change the border of an element to Hex ED8FF4 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
#ED8FF4 }
```

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

```
.border{ border-color:#ED8FF4 }
```

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

Here you see how a box with a 4 pixel #ED8FF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8FF4; -webkit-box-shadow:4px 4px  
4px 4px #ED8FF4; box-shadow:4px 4px 4px  
4px #ED8FF4 }
```

# Background

The CSS property to change the background color of an element to Hex ED8FF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8FF4 }
```

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

```
.background{ background-color:#ED8FF4 }
```

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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