

# Converting Colors

Hex(E803FC)

Have a look what the booklet for  
Hex(E803FC) contains.

<b>Hex(E803FC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(E803FC)

# Conversions

## Conversions Part 1

Format	Color
Hex	E803FC
RGB	232, 3, 252
RGB Percent	91%, 1%, 99%
CMY	0.0902, 0.9882, 0.0118
CMYK	0.08, 0.99, 0.00, 0.01
HSL	295°, 98%, 50%
HSV	295°, 99%, 99%
XYZ	50.8820, 24.2492, 94.0942
YIQ	99.8570, 56.5550, 125.9870

# Conversions

## Conversions Part 2

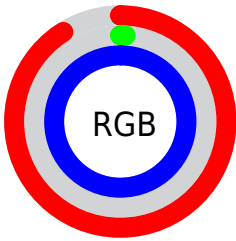
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 3, 252
Decimal	15205372
CIE Lab	56.34, 94.19, -65.78
CIE LCh	56, 114.889, 325.070
Yxy	24.2492, 0.3007, 0.1433
Android (android.graphics.Color)	4293395452 (0xFFE803FC)
YUV	99.8570, 75.0065, 115.8894
Hunter-Lab	49.2435, 98.2631, -78.8207

# Details

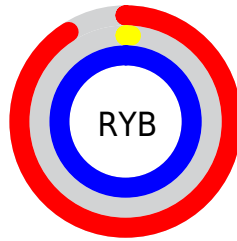
The Hex color **E803FC** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **17FC03**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF66FF**, and **AB00C2** is the 20% darker color. If you saturate the color by 10%, you get **E800FC**, and if you desaturate by 10%, it is **EA1CFC**.

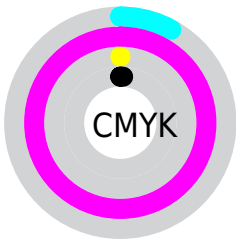
# Distribution



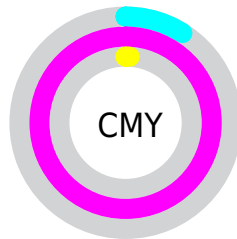
- Red (91%)
- Green (1%)
- Blue (99%)



- Red (91%)
- Yellow (1%)
- Blue (99%)



- Cyan (8%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (99%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E803FC 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 E803FC by changing the saturation by 10% instead.



 E803FC

 E803FC

FFFFFF

 C900DF

 FF66FF

 AB00C2

 FF86FF

 8D00A6

 FFA5FF

 6F008B

 FFC4FF

 510071

 FFE3FF

 340057

 0F003F

 000328

 000111

 E803FC

 E803FC

 E800FC

 EA1CFC

 EC35FC

 EE4FFC

 F068FC

 F281FC

 F49AFC

 F6B3FC

 F8CDFC

 FAE6FC

# Harmonies

## Analogous

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



0075FF



E803FC



FF009C

# Triad

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



E803FC



B27E00



00ADDA

# Complementary

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



E803FC



17FC03

# 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.



00AB73



E803FC



4E9900

# Square

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



E803FC



FA4400



00A600



00AAFF

# Rectangle

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



E803FC



FF005B



00A600



00ADB9



# Sweetspot

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



E803FC



F9B3FF



0318FC



7C5280



000000



808080



# Same Dimension

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



E803FC



EB00FF



FC0394



7C707D



AE00BD



38003D



# Inverse Universe

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



FC0317



FF0014



03FC6B



7D7071



BD000F



3D0005



# Previews

## White Background



This preview shows how the Hex color E803FC looks on a white background.

## Color Contrast Check

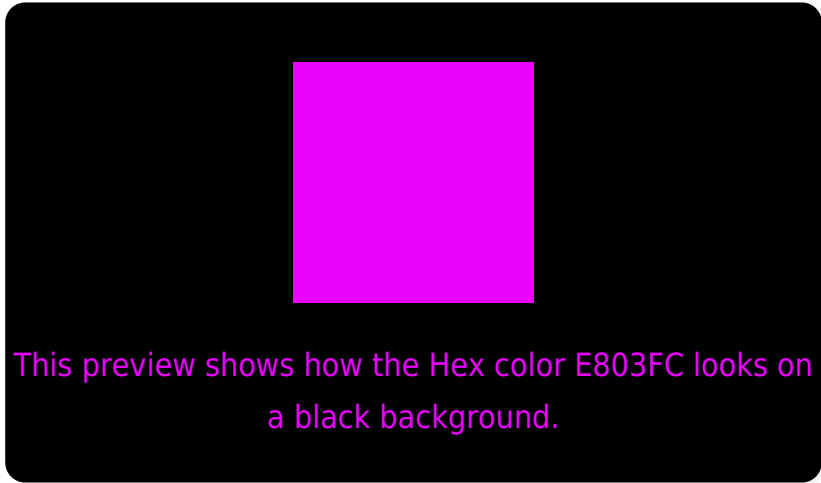
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E803FC Background



This preview shows how black text looks on a background with the Hex color E803FC.



This preview shows how white text looks on a background with the Hex color E803FC.

# 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



**Original Color**  
E803FC

**Protanopia**  
4384FF

**Deuteranopia**  
358AED



**Tritanopia**  
D6636A

# Trichromacy



**Original Color**  
E803FC



**Protanomaly**  
7F55FE



**Deuteranomaly**  
7659F2



**Tritanomaly**  
DD409F

# Monochromacy



**Original Color**  
E803FC



**Achromatopsia**  
646464



**Achromatomaly**  
94419B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E803FC 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 #E803FC looks like.

```
.text, #text, p{  
    color:#E803FC  
}
```

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 #E803FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E803FC
}
```

## Border

The CSS property to change the border of an element to Hex E803FC 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
#E803FC }
```

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

```
.border{ border-color:#E803FC }
```

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

Here you see how a box with a 4 pixel #E803FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E803FC; -webkit-box-shadow:4px 4px  
4px 4px #E803FC; box-shadow:4px 4px 4px  
4px #E803FC }
```

# Background

The CSS property to change the background color of an element to Hex E803FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E803FC }
```

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

```
.background{ background-color:#E803FC }
```

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