

Converting Colors

Hex(E783FD)

Have a look what the booklet for
Hex(E783FD) contains.

Hex(E783FD)	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(E783FD)

Conversions

Conversions Part 1

Format	Color
Hex	E783FD
RGB	231, 131, 253
RGB Percent	91%, 51%, 99%
CMY	0.0941, 0.4863, 0.0078
CMYK	0.09, 0.48, 0.00, 0.01
HSL	289°, 97%, 75%
HSV	289°, 48%, 99%
XYZ	58.8009, 40.3134, 97.6106
YIQ	174.8080, 20.4380, 59.1420

Conversions

Conversions Part 2

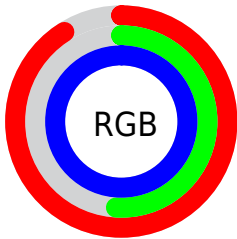
Format	Color
R _Y B	231, 131, 253
Decimal	15172605
CIE Lab	69.69, 56.68, -45.10
CIE LCh	70, 72.433, 321.490
Yxy	40.3134, 0.2989, 0.2049
Android (android.graphics.Color)	4293362685 (0xFFE783FD)
YUV	174.8080, 38.5487, 49.2804
Hunter-Lab	63.4928, 54.1971, -46.7045

Details

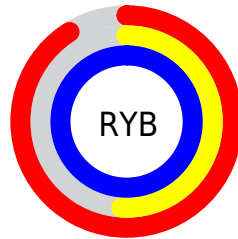
The Hex color **E783FD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **99FD83**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFBBFF**, and **AD4DC4** is the 20% darker color. If you saturate the color by 10%, you get **E26AFD**, and if you desaturate by 10%, it is **EC9CFD**.

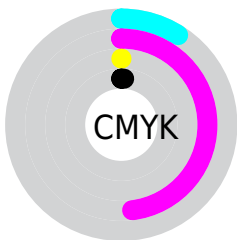
Distribution



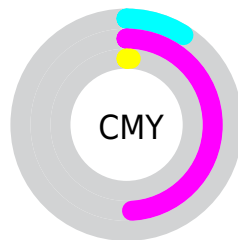
- Red (91%)
- Green (51%)
- Blue (99%)



- Red (91%)
- Yellow (51%)
- Blue (99%)



- Cyan (9%)
- Magenta (48%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (49%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color E783FD 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 E783FD by changing the saturation by 10% instead.

 E783FD

FFFFFF

 FFBBFF

 FFD7FF

 FFF4FF

 E783FD

 CA68E0

 AD4DC4

 9131A8

 75108D

 5A0073

 3F005A

 290042

 00002B

 000115

 E783FD

 E783FD

 E26AFD

 EC9CFD

 DE50FD

 F0B6FD

 D937FD

 F5CFFD

 D51EFD

 F9E8FD

 D005FD

FEFFFF

 CF00FD

FFFFFFD

Harmonies

Analogous

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



85A1FF



E783FD



FF6BC0

Triad

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



E783FD



DAA10E



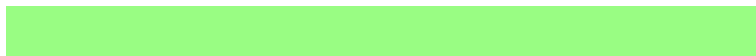
00C9D9

Complementary

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



E783FD



99FD83

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



E783FD



9DB519

Square

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



E783FD



FF8543



45C253



00C4FF

Rectangle

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



E783FD



FF6994



45C253



00C9C3

Sweetspot

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



E783FD



F9DBFF



8399FD



7C6A80



000000



808080

Same Dimension

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



E783FD



E46BFF



FD83D6



7D7380



9D00BF



340040

Inverse Universe

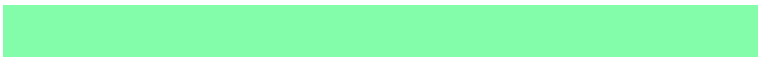
The Inverse Universe completely reimagines the original color for something new.



FD8399



FF6B86



83FDAA



807375



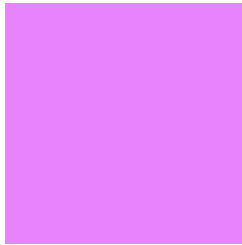
BF0022



40000B

Previews

White Background



This preview shows how the Hex color E783FD 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

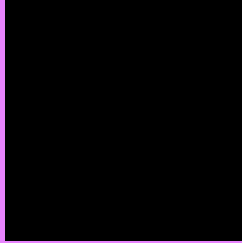
Any Text WCAG AA ✓ Pass

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 E783FD Background



This preview shows how black text looks on a background with the Hex color E783FD.




This preview shows how white text looks on a background with the Hex color E783FD.

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
DB98A4

Trichromacy



Original Color
E783FD



Protanomaly
AC9BFE



Deuteranomaly
AE9BF9



Tritanomaly
DF90C4

Monochromacy



Original Color
E783FD



Achromatopsia
AFAFAF



Achromatomaly
C39FCB

CSS Examples

Text

The CSS property to change the color of the text to Hex E783FD 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 #E783FD looks like.

```
.text, #text, p{  
    color:#E783FD  
}
```

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 #E783FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E783FD
}
```

Border

The CSS property to change the border of an element to Hex E783FD 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
#E783FD }
```

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

```
.border{ border-color:#E783FD }
```

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

Here you see how a box with a 4 pixel #E783FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E783FD; -webkit-box-shadow:4px 4px  
4px 4px #E783FD; box-shadow:4px 4px 4px  
4px #E783FD }
```

Background

The CSS property to change the background color of an element to Hex E783FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E783FD }
```

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

```
.background{ background-color:#E783FD }
```

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