

Converting Colors

Hex(E871FF)

Have a look what the booklet for
Hex(E871FF) contains.

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Color

Hex(E871FF)

Conversions

Conversions Part 1

Format	Color
Hex	E871FF
RGB	232, 113, 255
RGB Percent	91%, 44%, 100%
CMY	0.0902, 0.5569, 0.0000
CMYK	0.09, 0.56, 0.00, 0.00
HSL	290°, 100%, 72%
HSV	290°, 56%, 100%
XYZ	57.2338, 36.1861, 98.5758
YIQ	164.7690, 25.3420, 69.3900

Conversions

Conversions Part 2

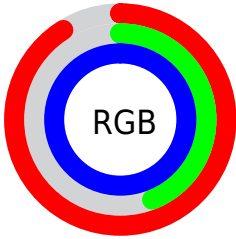
Format	Color
R_{YB}	232, 113, 255
Decimal	15233535
CIE _{Lab}	66.66, 65.92, -50.96
CIE _{LCh}	67, 83.321, 322.295
Yxy	36.1861, 0.2981, 0.1885
Android (android.graphics.Color)	4293423615 (0xFFE871FF)
YUV	164.7690, 44.4839, 58.9616
Hunter-Lab	60.1548, 64.5614, -55.0502

Details

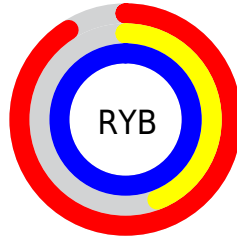
The Hex color **E871FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **88FF71**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFA9FF**, and **AD38C6** is the 20% darker color. If you saturate the color by 10%, you get **E458FF**, and if you desaturate by 10%, it is **EC8BFF**.

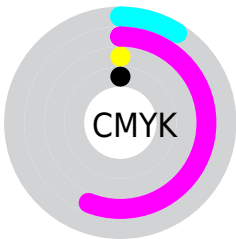
Distribution



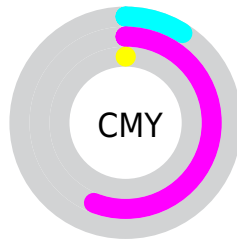
- Red (91%)
- Green (44%)
- Blue (100%)



- Red (91%)
- Yellow (44%)
- Blue (100%)



- Cyan (9%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E871FF 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 E871FF by changing the saturation by 10% instead.

 E871FF

 E871FF


FFFFFF

 CA55E2

 FFA9FF

 AD38C6

 FFC6FF

 9113AA

 FFE3FF

 75008F

 590075

 3D005B

 230043

 00002C

 000116

 E871FF

 E871FF

 E458FF

 EC8BFF

 E03EFF

 F0A4FF

 DC24FF

 F4BEFF

 D70BFF

 F9D7FF

 D600FF

 FDF1FF

 FFFFFFFF

Harmonies

Analogous

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



7097FF



E871FF



FF4EB9

Triad

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



E871FF



D39800



00C3D9

Complementary

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



E871FF



88FF71

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.



00C28C



E871FF



8DAF00

Square

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



E871FF



FF7726



00BC3D



00BFFF

Rectangle

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



E871FF



FF4C87



00BC3D



00C4C0

Sweetspot

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



E871FF



F8D4FF



7189FF



7B6680



000000



808080

Same Dimension

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



E871FF



E354FF



FF71D0



7D7380



A000BF



350040

Inverse Universe

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



FF7188



FF5470



71FFA0



807375



BF001F



40000A

Previews

White Background



This preview shows how the Hex color E871FF 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

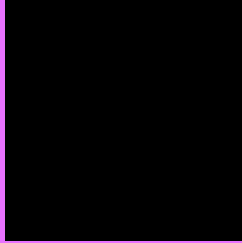
Any Text WCAG AA ✓ Pass

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 E871FF Background



This preview shows how black text looks on a background with the Hex color E871FF.

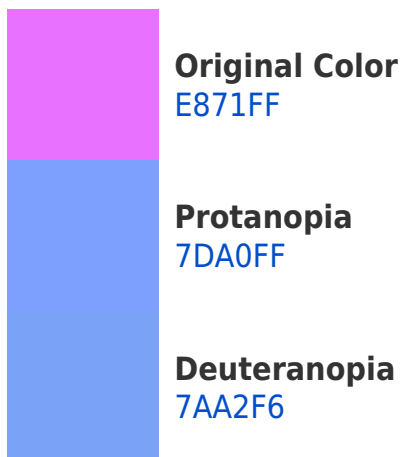


This preview shows how white text looks on a background with the Hex color E871FF.

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](#).

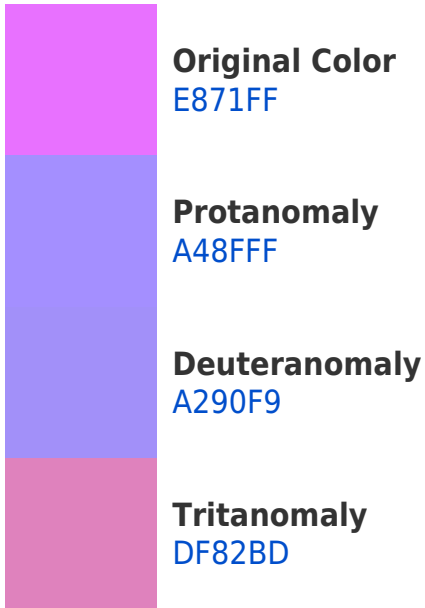
Dichromacy



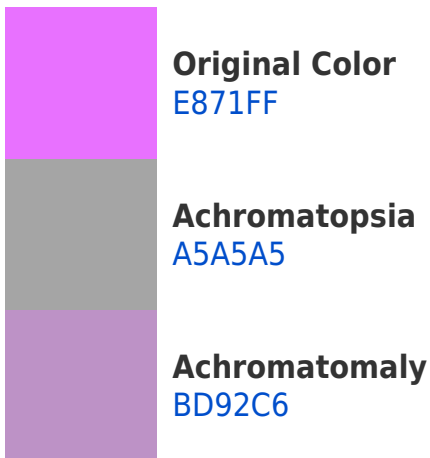


Tritanopia
DA8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E871FF 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 #E871FF looks like.

```
.text, #text, p{  
    color:#E871FF  
}
```

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 #E871FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E871FF
}
```

Border

The CSS property to change the border of an element to Hex E871FF 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
#E871FF }
```

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

```
.border{ border-color:#E871FF }
```

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

Here you see how a box with a 4 pixel #E871FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E871FF; -webkit-box-shadow:4px 4px  
4px 4px #E871FF; box-shadow:4px 4px 4px  
4px #E871FF }
```

Background

The CSS property to change the background color of an element to Hex E871FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E871FF }
```

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

```
.background{ background-color:#E871FF }
```

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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