

Converting Colors

Hex(C851EF)

Have a look what the booklet for
Hex(C851EF) contains.

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Color

Hex(C851EF)

Conversions

Conversions Part 1

Format	Color
Hex	C851EF
RGB	200, 81, 239
RGB Percent	78%, 32%, 94%
CMY	0.2157, 0.6824, 0.0627
CMYK	0.16, 0.66, 0.00, 0.06
HSL	285°, 83%, 63%
HSV	285°, 66%, 94%
XYZ	42.3418, 24.3962, 84.1386
YIQ	134.5930, 20.2060, 74.3660

Conversions

Conversions Part 2

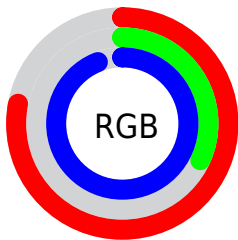
Format	Color
R _{YB}	200, 81, 239
Decimal	13128175
CIE _{Lab}	56.48, 69.44, -58.56
CIE _{LCh}	56, 90.840, 319.860
Yxy	24.3962, 0.2806, 0.1617
Android (android.graphics.Color)	4291318255 (0xFFC851EF)
YUV	134.5930, 51.4727, 57.3619
Hunter-Lab	49.3925, 66.5825, -66.4239

Details

The Hex color **C851EF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **78EF51**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8AFF**, and **8E07B6** is the 20% darker color. If you saturate the color by 10%, you get **C239EF**, and if you desaturate by 10%, it is **CE69EF**.

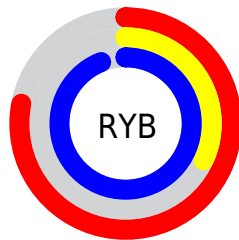
Distribution



Red (78%)

Green (32%)

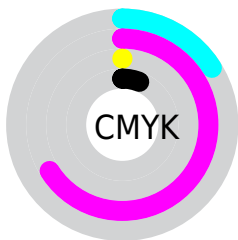
Blue (94%)



Red (78%)

Yellow (32%)

Blue (94%)

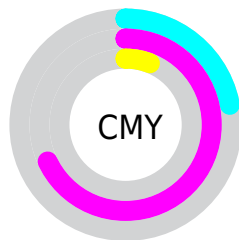


Cyan (16%)

Magenta (66%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (68%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color C851EF 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 C851EF by changing the saturation by 10% instead.

 C851EF

 C851EF

FFFFFF

 AB33D2

 FF8AFF

 8E07B6

 FFA6FF

 71009B

 FFC3FF

 550080


 FFE0FF

 380066

FFFEFF

 1B004D

 000035

 00021F

 000002

 C851EF

 C851EF

 C239EF

 CE69EF

 BC21EF

 D481EF

 B609EF

 DA99EF

 B400EF

 E0B1EF

 E5C8EF

 EBE0EF

 F1F8EF

 F7FFE7

 FDFFE7

Harmonies

Analogous

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



007FFF



C851EF



FF00A6

Triad

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



C851EF



BB7B00



00A8BB

Complementary

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



C851EF



78EF51

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.



00A669



C851EF



739300

Square

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



C851EF



F05100



00A000



00A5FF

Rectangle

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



C851EF



FF0071



00A000



00A8A1

Sweetspot

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



C851EF



F2CCFF



5178EF



786180



000000



808080

Same Dimension

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



C851EF



CD36FF



EF51C7



756C78



8A00B8



2A0038

Inverse Universe

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



EF5178



FF3667



51EF78



786C6F



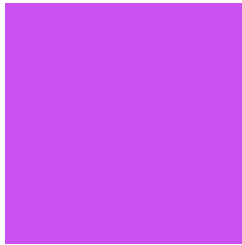
B8002D



38000E

Previews

White Background



This preview shows how the Hex color C851EF looks on a white background.

Color Contrast Check

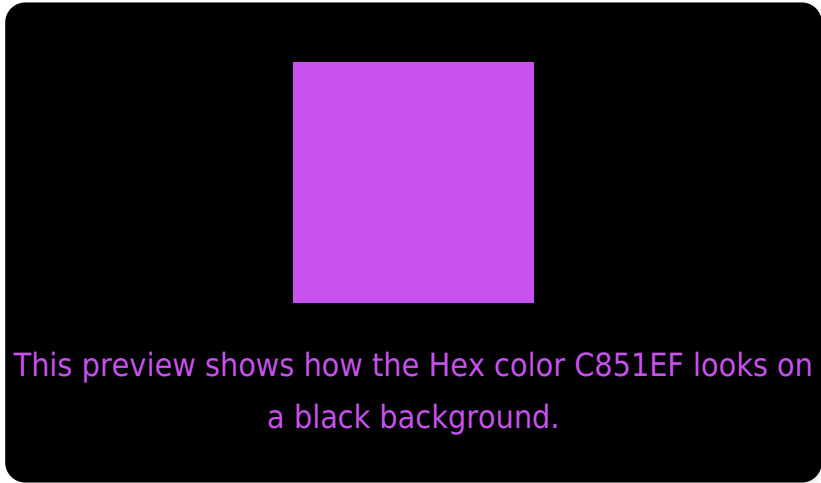
Large Text (above 18pt) WCAG AA ✓ Pass

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

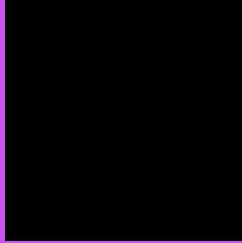
Any Text WCAG AA ✓ Pass

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 C851EF Background



This preview shows how black text looks on a background with the Hex color C851EF.

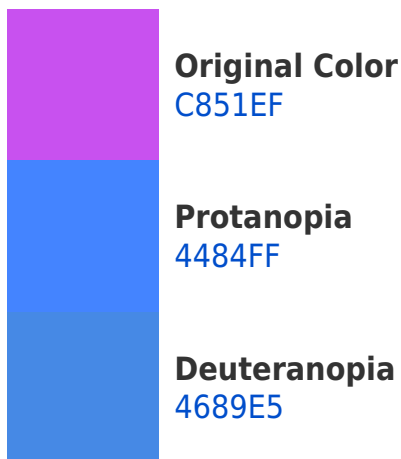


This preview shows how white text looks on a background with the Hex color C851EF.

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](#).

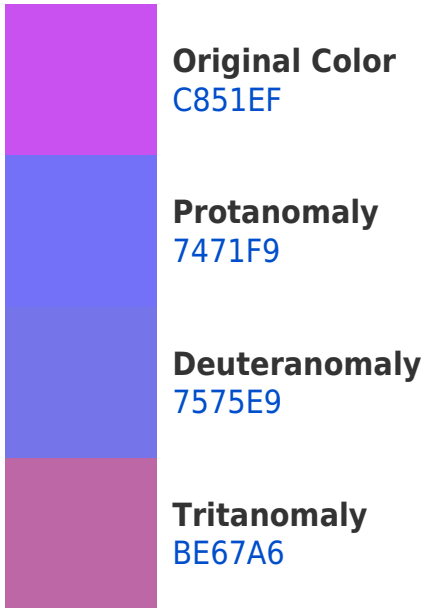
Dichromacy





Tritanopia
B8747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C851EF 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 #C851EF looks like.

```
.text, #text, p{  
    color:#C851EF  
}
```

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 #C851EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C851EF
}
```

Border

The CSS property to change the border of an element to Hex C851EF 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
#C851EF }
```

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

```
.border{ border-color:#C851EF }
```

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

Here you see how a box with a 4 pixel #C851EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C851EF; -webkit-box-shadow:4px 4px  
4px 4px #C851EF; box-shadow:4px 4px 4px  
4px #C851EF }
```

Background

The CSS property to change the background color of an element to Hex C851EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C851EF }
```

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

```
.background{ background-color:#C851EF }
```

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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