

Converting Colors

Hex(C034EF)

Have a look what the booklet for
Hex(C034EF) contains.

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Color

Hex(C034EF)

Conversions

Conversions Part 1

Format	Color
Hex	C034EF
RGB	192, 52, 239
RGB Percent	75%, 20%, 94%
CMY	0.2471, 0.7961, 0.0627
CMYK	0.20, 0.78, 0.00, 0.06
HSL	285°, 85%, 57%
HSV	285°, 78%, 94%
XYZ	38.5462, 19.8944, 83.4698
YIQ	115.1780, 23.4130, 87.8370

Conversions

Conversions Part 2

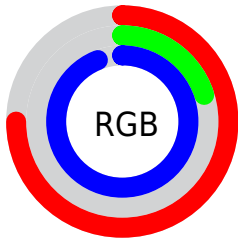
Format	Color
R_{YB}	192, 52, 239
Decimal	12596463
CIE _{Lab}	51.72, 78.21, -66.29
CIE _{LCh}	52, 102.525, 319.717
Yxy	19.8944, 0.2716, 0.1402
Android (android.graphics.Color)	4290786543 (0xFFC034EF)
YUV	115.1780, 61.0442, 67.3729
Hunter-Lab	44.6032, 76.2046, -79.7322

Details

The Hex color **C034EF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **63EF34**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FD72FF**, and **8500B6** is the 20% darker color. If you saturate the color by 10%, you get **BA1CEF**, and if you desaturate by 10%, it is **C64CEF**.

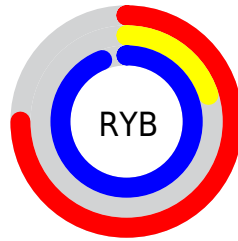
Distribution



Red (75%)

Green (20%)

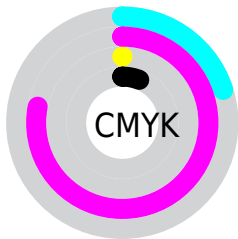
Blue (94%)



Red (75%)

Yellow (20%)

Blue (94%)

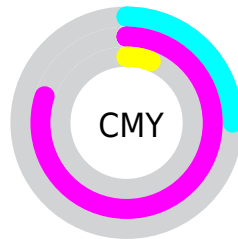


Cyan (20%)

Magenta (78%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (80%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color C034EF 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 C034EF by changing the saturation by 10% instead.

 C034EF

 C034EF

FFFFFF

 A200D2

 FD72FF

 8500B6

 FF8FFF

 68009A

 FFADFF

 4A0080

 FFCAFF

 2D0066

 FFE8FF

 00004C

 000534

 00021E

 000001

 C034EF

 C034EF

 BA1CEF

 C64CEF

 B404EF

 CC64EF

 B300EF

 D27CEF

 D894EF

 DEABEF

 E4C3EF

 EADBEF

 F0F3EF

 F6FFEF

Harmonies

Analogous

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



0073FF



C034EF



FF009D

Triad

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



C034EF



AF6D00



009DB5

Complementary

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



C034EF



63EF34

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.



009B59



C034EF



5F8800

Square

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



C034EF



EA3500



009500



009CFF

Rectangle

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



C034EF



FF0064



009500



009D97

Sweetspot

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



C034EF



F0C4FF



3466EF



775C80



000000



808080

Same Dimension

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



C034EF



C30FFF



EF34C3



756C78



8900B8



2A0038

Inverse Universe

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



EF3463



FF0F4C



34EF60



786C6F



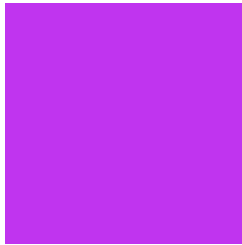
B8002E



38000E

Previews

White Background



This preview shows how the Hex color C034EF looks on a white background.

Color Contrast Check

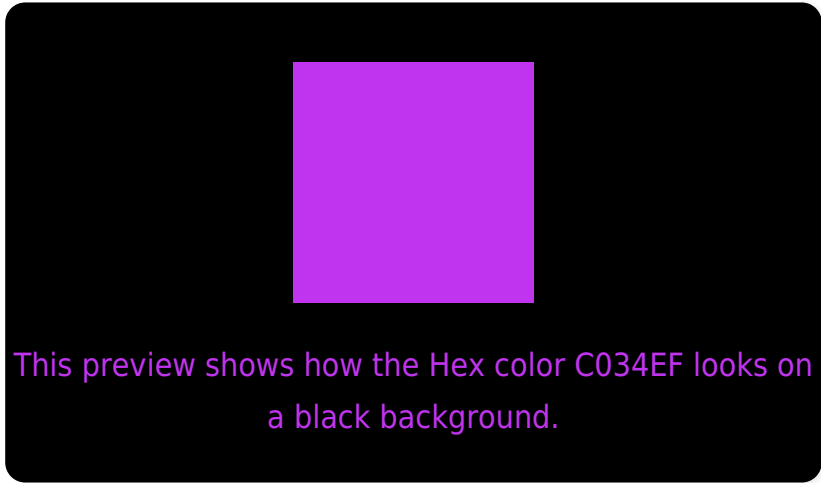
Large Text (above 18pt) WCAG AA ✓ Pass

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

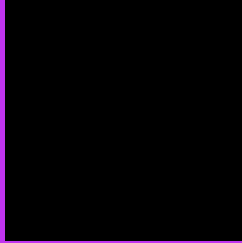
Any Text WCAG AA ✓ Pass

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 C034EF Background



This preview shows how black text looks on a background with the Hex color C034EF.

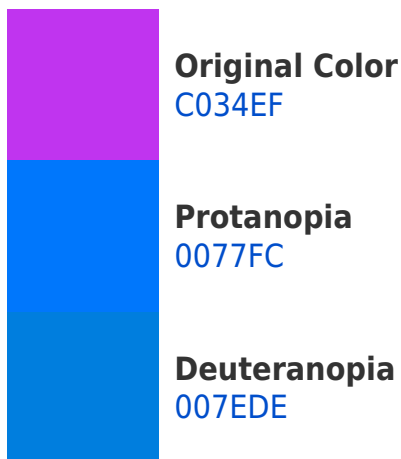



This preview shows how white text looks on a background with the Hex color C034EF.

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
AD676F

Trichromacy



Original Color
C034EF



Protanomaly
465FF7



Deuteranomaly
4663E4



Tritanomaly
B4549E

Monochromacy



Original Color
C034EF



Achromatopsia
737373



Achromatomaly
8F5CA0

CSS Examples

Text

The CSS property to change the color of the text to Hex C034EF 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 #C034EF looks like.

```
.text, #text, p{  
    color:#C034EF  
}
```

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 #C034EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C034EF
}
```

Border

The CSS property to change the border of an element to Hex C034EF 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".

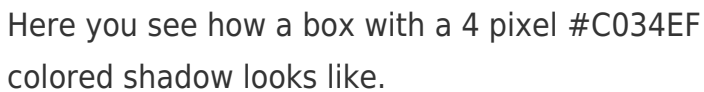
```
.border, #border, table{ border:4px solid
#C034EF }
```

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

```
.border{ border-color:#C034EF }
```

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

Here you see how a box with a 4 pixel #C034EF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C034EF; -webkit-box-shadow:4px 4px  
4px 4px #C034EF; box-shadow:4px 4px 4px  
4px #C034EF }
```

Background

The CSS property to change the background color of an element to Hex C034EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C034EF }
```

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

```
.background{ background-color:#C034EF }
```

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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