

Converting Colors

Hex(C834FF)

Have a look what the booklet for
Hex(C834FF) contains.

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Color

Hex(C834FF)

Conversions

Conversions Part 1

Format	Color
Hex	C834FF
RGB	200, 52, 255
RGB Percent	78%, 20%, 100%
CMY	0.2157, 0.7961, 0.0000
CMYK	0.22, 0.80, 0.00, 0.00
HSL	284°, 100%, 60%
HSV	284°, 80%, 100%
XYZ	43.0974, 21.9553, 96.5741
YIQ	119.3940, 23.0450, 94.5090

Conversions

Conversions Part 2

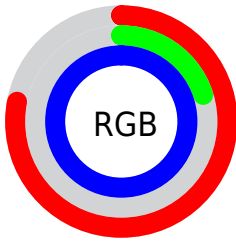
Format	Color
R _Y B	200, 52, 255
Decimal	13120767
CIE _{Lab}	53.98, 82.49, -71.51
CIE _{LCh}	54, 109.168, 319.080
Yxy	21.9553, 0.2666, 0.1358
Android (android.graphics.Color)	4291310847 (0xFFC834FF)
YUV	119.3940, 66.8538, 70.6915
Hunter-Lab	46.8565, 82.1807, -89.4006

Details

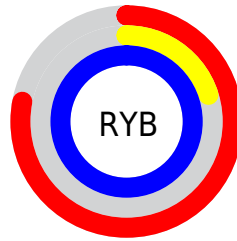
The Hex color **C834FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **6BFF34**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF74FF**, and **8C00C5** is the 20% darker color. If you saturate the color by 10%, you get **C11AFF**, and if you desaturate by 10%, it is **CF4EFF**.

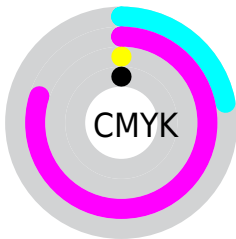
Distribution



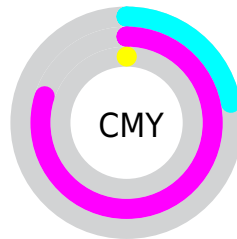
- Red (78%)
- Green (20%)
- Blue (100%)



- Red (78%)
- Yellow (20%)
- Blue (100%)



- Cyan (22%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C834FF 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 C834FF by changing the saturation by 10% instead.

 C834FF

 C834FF

FFFFFF

 AA00E2

 FF74FF

 8C00C5

 FF92FF

 6E00A9

 FFAFFF

 50008E

 FFCDFD

 310073

 FFE8FF

 04005A

 000041

 00032A

 000114

 C834FF

 C834FF

 C11AFF

 CF4EFF

 BA01FF

 D667FF

 BA00FF

 DD81FF

 E49AFF

 EBB3FF

 F1CDFF

 F8E7FF

FFFFFF

Harmonies

Analogous

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



0079FF



C834FF



FF00A8

Triad

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



C834FF



B97100



00A5BD

Complementary

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



C834FF



6BFF34

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.



00A25A



C834FF



638F00

Square

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



C834FF



F83000



009D00



00A4FF

Rectangle

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



C834FF



FF006A



009D00



00A49D

Sweetspot

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



C834FF



EEC2FF



346EFF



755B80



000000



808080

Same Dimension

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



C834FF



BD0AFF



FF34D3



7C7380



8B00BF



2E0040

Inverse Universe

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



FF346B



FF0A4D



34FF60



807376



BF0034



400011

Previews

White Background



This preview shows how the Hex color C834FF 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

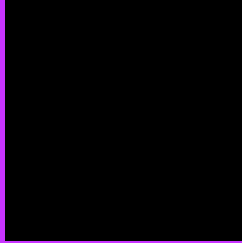
Any Text WCAG AA ✓ Pass

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 C834FF Background



This preview shows how black text looks on a background with the Hex color C834FF.

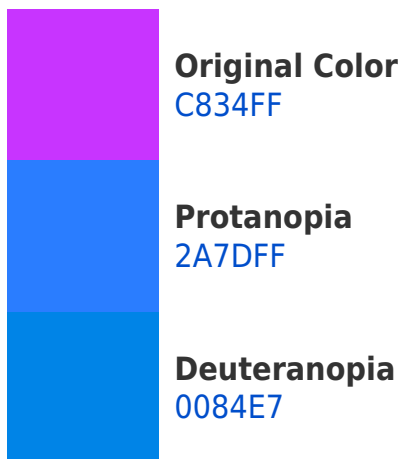



This preview shows how white text looks on a background with the Hex color C834FF.

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
B36D75

Trichromacy



Original Color
C834FF



Protanomaly
6362FF



Deuteranomaly
4967F0



Tritanomaly
BB58A7

Monochromacy



Original Color
C834FF



Achromatopsia
777777



Achromatomaly
945FA8

CSS Examples

Text

The CSS property to change the color of the text to Hex C834FF 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 #C834FF looks like.

```
.text, #text, p{  
    color:#C834FF  
}
```

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 #C834FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C834FF
}
```

Border

The CSS property to change the border of an element to Hex C834FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

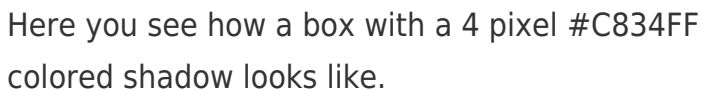
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C834FF }
```

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

```
.border{ border-color:#C834FF }
```

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



Here you see how a box with a 4 pixel `#C834FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C834FF; -webkit-box-shadow:4px 4px  
4px 4px #C834FF; box-shadow:4px 4px 4px  
4px #C834FF }
```

Background

The CSS property to change the background color of an element to Hex C834FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C834FF }
```

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

```
.background{ background-color:#C834FF }
```

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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