

Converting Colors

Hex(C400FF)

Have a look what the booklet for
Hex(C400FF) contains.

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Color

Hex(C400FF)

Conversions

Conversions Part 1

Format	Color
Hex	C400FF
RGB	196, 0, 255
RGB Percent	77%, 0%, 100%
CMY	0.2314, 1.0000, 0.0000
CMYK	0.23, 1.00, 0.00, 0.00
HSL	286°, 100%, 50%
HSV	286°, 100%, 100%
XYZ	40.8150, 18.9558, 96.1154
YIQ	87.6740, 34.9610, 120.8570

Conversions

Conversions Part 2

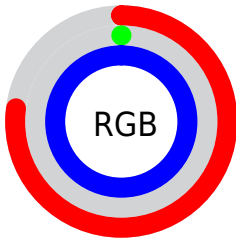
Format	Color
RYB	196, 0, 255
Decimal	12845311
CIELab	50.64, 90.00, -76.97
CIELCh	51, 118.423, 319.463
Yxy	18.9558, 0.2618, 0.1216
Android (android.graphics.Color)	4291035391 (0xFFC400FF)
YUV	87.6740, 82.4917, 95.0019
Hunter-Lab	43.5382, 91.1432, -100.4124

Details

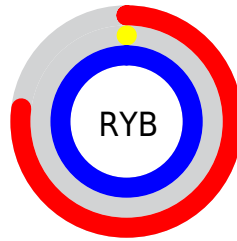
The Hex color **C400FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **3BFF00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FFF**, and **8700C5** is the 20% darker color. If you saturate the color by 10%, you get **C400FF**, and if you desaturate by 10%, it is **CA19FF**.

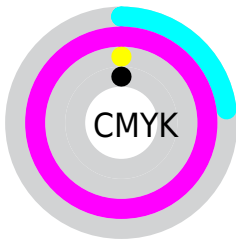
Distribution



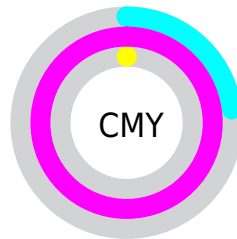
- Red (77%)
- Green (0%)
- Blue (100%)



- Red (77%)
- Yellow (0%)
- Blue (100%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C400FF 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 C400FF by changing the saturation by 10% instead.

 C400FF

 C400FF

FFFFFF

 A600E2

 FF5FFF

 8700C5

 FF7EFF

 6900A9

 FF9CFF

 49008D

 FFBBFF

 2A0073

 FFD9FF

 000059

 FFF7FF

 000240

 000329

 000113

 C400FF

 CA19FF

 D033FF

 D64DFF

 DC66FF

 E280FF

 E799FF

 EDB3FF

 F3CCFF

 F9E6FF

Harmonies

Analogous

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



0071FF



C400FF



FF00A1

Triad

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



C400FF



B06800



009DBA

Complementary

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



C400FF



3BFF00

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.



009A50



C400FF



528700

Square

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



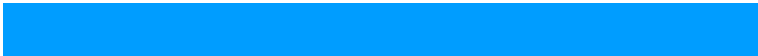
C400FF



F30000



009500



009DFF

Rectangle

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



C400FF



FF005F



009500



009C98

Sweetspot

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



C400FF



EDB3FF



003CFF



755280



000000



808080

Same Dimension

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



C400FF



FF00BB



7D7380



9300BF



310040

Inverse Universe

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



FF003B



00FF44



807376



BF002C



40000F

Previews

White Background



This preview shows how the Hex color C400FF looks on a white background.

Color Contrast Check

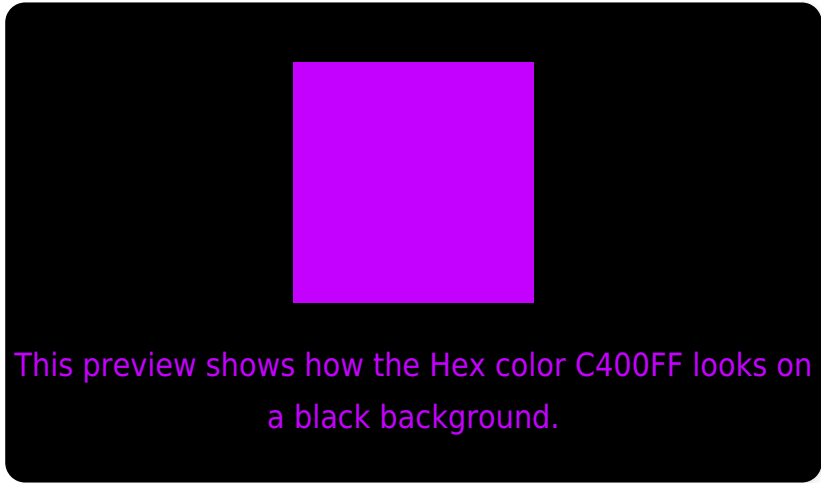
Large Text (above 18pt) WCAG AA ✓ Pass

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 C400FF Background



This preview shows how black text looks on a background with the Hex color C400FF.

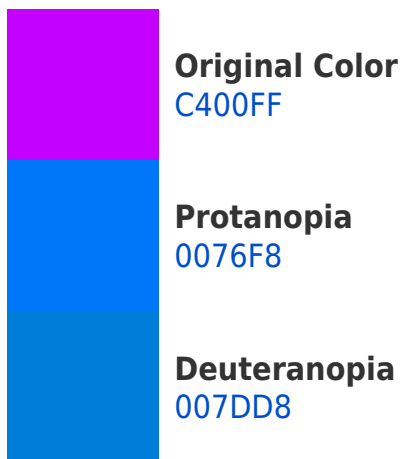


This preview shows how white text looks on a background with the Hex color C400FF.

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](#).

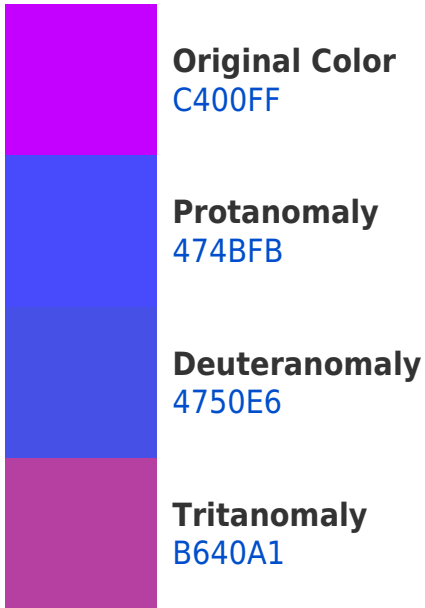
Dichromacy



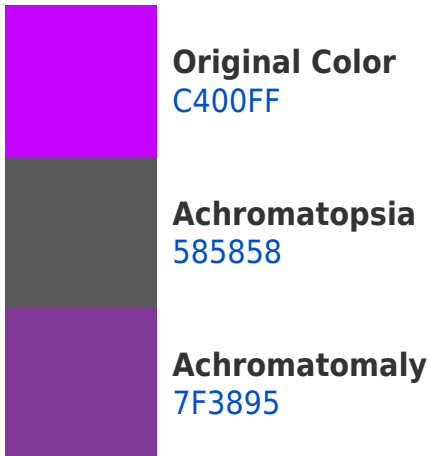


Tritanopia
AE646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C400FF 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 #C400FF looks like.

```
.text, #text, p{  
    color:#C400FF  
}
```

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 #C400FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C400FF
}
```

Border

The CSS property to change the border of an element to Hex C400FF 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
#C400FF }
```

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

```
.border{ border-color:#C400FF }
```

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

Here you see how a box with a 4 pixel #C400FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C400FF; -webkit-box-shadow:4px 4px  
4px 4px #C400FF; box-shadow:4px 4px 4px  
4px #C400FF }
```

Background

The CSS property to change the background color of an element to Hex C400FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C400FF }
```

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

```
.background{ background-color:#C400FF }
```

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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