

Converting Colors

Hex(C333FF)

Have a look what the booklet for
Hex(C333FF) contains.

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Color

Hex(C333FF)

Conversions

Conversions Part 1

Format	Color
Hex	C333FF
RGB	195, 51, 255
RGB Percent	76%, 20%, 100%
CMY	0.2353, 0.8000, 0.0000
CMYK	0.24, 0.80, 0.00, 0.00
HSL	282°, 100%, 60%
HSV	282°, 80%, 100%
XYZ	41.7395, 21.1898, 96.4979
YIQ	117.3120, 20.3400, 93.9720

Conversions

Conversions Part 2

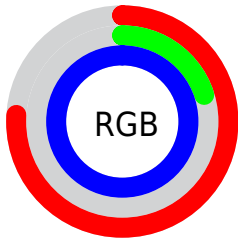
Format	Color
R_{YB}	195, 51, 255
Decimal	12792831
CIE _{Lab}	53.16, 81.96, -72.87
CIE _{LCh}	53, 109.673, 318.358
Yxy	21.1898, 0.2618, 0.1329
Android (android.graphics.Color)	4290982911 (0xFFC333FF)
YUV	117.3120, 67.8802, 68.1324
Hunter-Lab	46.0323, 81.2971, -92.0674

Details

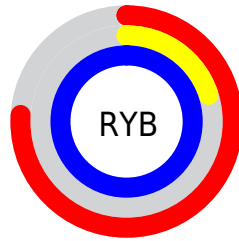
The Hex color **C333FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **6FFF33**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF73FF**, and **8700C5** is the 20% darker color. If you saturate the color by 10%, you get **BC19FF**, and if you desaturate by 10%, it is **CB4DFF**.

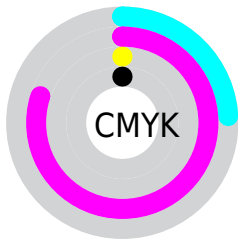
Distribution



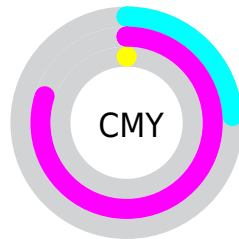
- Red (76%)
- Green (20%)
- Blue (100%)



- Red (76%)
- Yellow (20%)
- Blue (100%)



- Cyan (24%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C333FF 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 C333FF by changing the saturation by 10% instead.

 C333FF

FFFFFF

 FF73FF

 FF90FF

 FFAEFF

 FFCBFF

 FFE9FF

 C333FF

 A500E2

 8700C5

 6900A9

 4B008E

 2B0073

 000059

 000041

 00032A

 000114

 C333FF

 C333FF

 BC19FF

 CB4DFF

 B400FF

 D266FF

 DA80FF

 E199FF

 E9B3FF

 F0CCFF

 F8E6FF

FFFFFF

Harmonies

Analogous

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



0078FF



C333FF



FF00A8

Triad

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



C333FF



B96E00



00A3B9

Complementary

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



C333FF



6FFF33

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.



00A055



C333FF



638C00

Square

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



C333FF



F72800



009A00



00A2FF

Rectangle

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



C333FF



FF006A



009A00



00A298

Sweetspot

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



C333FF



EDC2FF



3370FF



755B80



000000



808080

Same Dimension

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



C333FF



B70AFF



FF33D6



7C7380



8700BF



2D0040

Inverse Universe

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



FF336F



FF0A52



33FF5C



807376



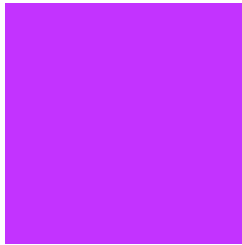
BF0038



400013

Previews

White Background



This preview shows how the Hex color C333FF 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

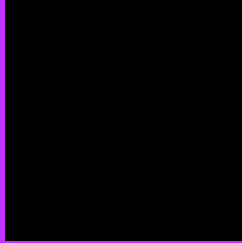
Any Text WCAG AA ✓ Pass

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 C333FF Background



This preview shows how black text looks on a background with the Hex color C333FF.

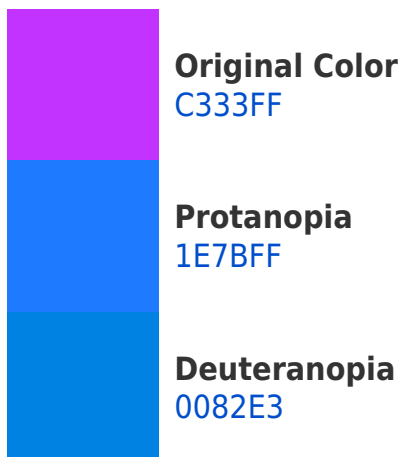


This preview shows how white text looks on a background with the Hex color C333FF.

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



Trichromacy



Original Color
C333FF



Protanomaly
5A61FF



Deuteranomaly
4765ED



Tritanomaly
B657A7

Monochromacy



Original Color
C333FF



Achromatopsia
757575



Achromatomaly
915DA7

CSS Examples

Text

The CSS property to change the color of the text to Hex C333FF 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 #C333FF looks like.

```
.text, #text, p{  
    color:#C333FF  
}
```

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 #C333FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C333FF
}
```

Border

The CSS property to change the border of an element to Hex C333FF 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
#C333FF }
```

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

```
.border{ border-color:#C333FF }
```

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

Here you see how a box with a 4 pixel #C333FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C333FF; -webkit-box-shadow:4px 4px  
4px 4px #C333FF; box-shadow:4px 4px 4px  
4px #C333FF }
```

Background

The CSS property to change the background color of an element to Hex C333FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C333FF }
```

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

```
.background{ background-color:#C333FF }
```

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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