

Converting Colors

Hex(CC33FF)

Have a look what the booklet for
Hex(CC33FF) contains.

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Color

Hex(CC33FF)

Conversions

Conversions Part 1

Format	Color
Hex	CC33FF
RGB	204, 51, 255
RGB Percent	80%, 20%, 100%
CMY	0.2000, 0.8000, 0.0000
CMYK	0.20, 0.80, 0.00, 0.00
HSL	285°, 100%, 60%
HSV	285°, 80%, 100%
XYZ	44.1357, 22.4250, 96.6100
YIQ	120.0030, 25.7040, 95.8800

Conversions

Conversions Part 2

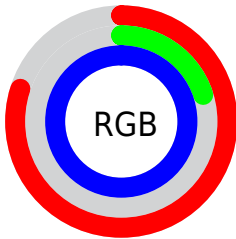
Format	Color
R _Y B	204, 51, 255
Decimal	13382655
CIE Lab	54.48, 83.41, -70.68
CIE LCh	54, 109.330, 319.726
Yxy	22.4250, 0.2705, 0.1374
Android (android.graphics.Color)	4291572735 (0xFFCC33FF)
YUV	120.0030, 66.5535, 73.6654
Hunter-Lab	47.3551, 83.4934, -87.8101

Details

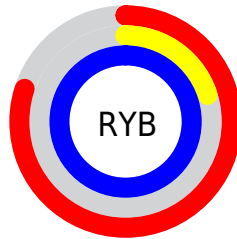
The Hex color **CC33FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **66FF33**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF74FF**, and **9000C5** is the 20% darker color. If you saturate the color by 10%, you get **C619FF**, and if you desaturate by 10%, it is **D24DFF**.

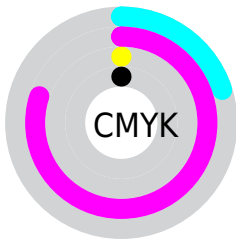
Distribution



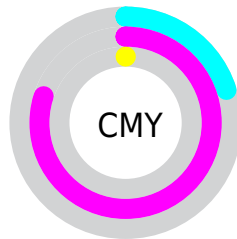
- Red (80%)
- Green (20%)
- Blue (100%)



- Red (80%)
- Yellow (20%)
- Blue (100%)



- Cyan (20%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC33FF 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 CC33FF by changing the saturation by 10% instead.

 CC33FF

 CC33FF

FFFFFF

 AE00E2

 FF74FF

 9000C5

 FF92FF

 7200A9

 FFAFFF

 54008E

 FFCDFD

 360073

 FFE8FF

 0F005A

 000041

 00032A

 000114

 CC33FF

 CC33FF

 C619FF

 D24DFF

 BF00FF

 D966FF

 DF80FF

 E699FF

 ECB3FF

 F2CCFF

 F9E6FF

FFFFFF

Harmonies

Analogous

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



007AFF



CC33FF



FF00A7

Triad

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



CC33FF



B97300



00A6C0

Complementary

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



CC33FF



66FF33

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.



00A45D



CC33FF



639000

Square

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



CC33FF



F93400



009E00



00A5FF

Rectangle

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



CC33FF



FF0069



009E00



00A6A0

Sweetspot

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



CC33FF



F0C2FF



3366FF



765B80



000000



808080

Same Dimension

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



CC33FF



C20AFF



FF33CC



7C7380



8F00BF



300040

Inverse Universe

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



FF3366



FF0A47



33FF66



807376



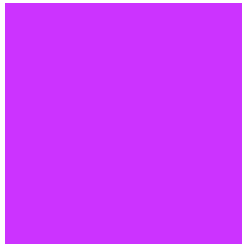
BF0030



400010

Previews

White Background



This preview shows how the Hex color CC33FF looks on a white background.

Color Contrast Check

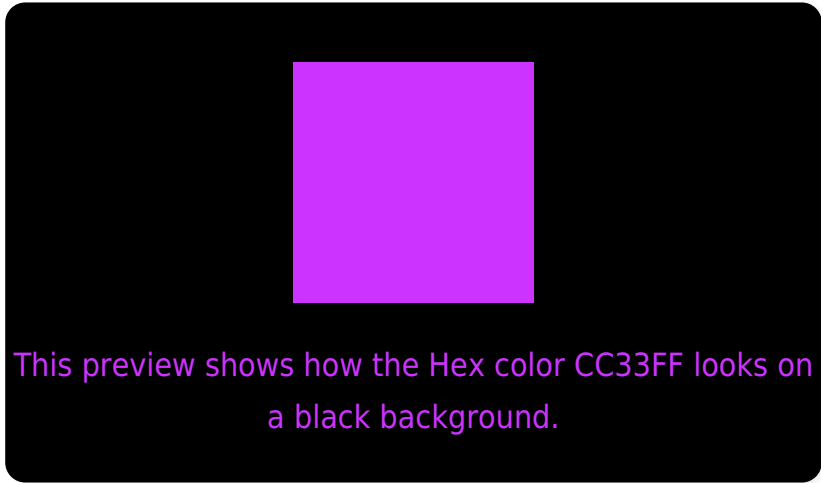
Large Text (above 18pt) WCAG AA ✓ Pass

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

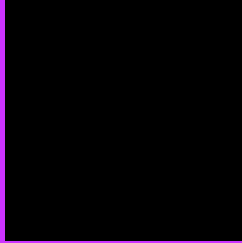
Any Text WCAG AA ✓ Pass

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 CC33FF Background



This preview shows how black text looks on a background with the Hex color CC33FF.

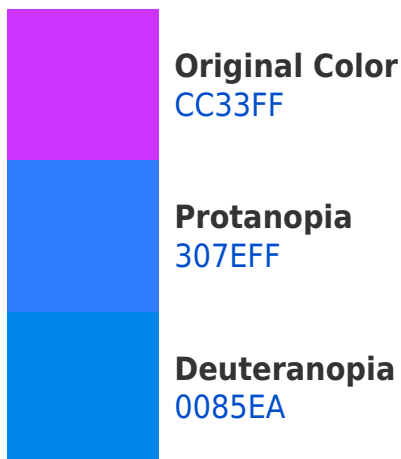



This preview shows how white text looks on a background with the Hex color CC33FF.

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
B86C74

Trichromacy



Original Color
CC33FF



Protanomaly
6963FF



Deuteranomaly
4A67F2



Tritanomaly
BF57A7

Monochromacy



Original Color
CC33FF



Achromatopsia
787878



Achromatomaly
975FA9

CSS Examples

Text

The CSS property to change the color of the text to Hex CC33FF 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 #CC33FF looks like.

```
.text, #text, p{  
    color:#CC33FF  
}
```

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 #CC33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC33FF
}
```

Border

The CSS property to change the border of an element to Hex CC33FF 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".

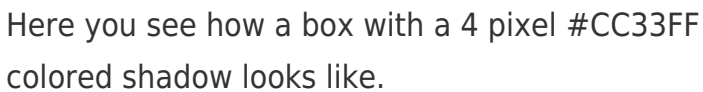
```
.border, #border, table{ border:4px solid
#CC33FF }
```

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

```
.border{ border-color:#CC33FF }
```

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

Here you see how a box with a 4 pixel #CC33FF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC33FF; -webkit-box-shadow:4px 4px  
4px 4px #CC33FF; box-shadow:4px 4px 4px  
4px #CC33FF }
```

Background

The CSS property to change the background color of an element to Hex CC33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC33FF }
```

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

```
.background{ background-color:#CC33FF }
```

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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