

Converting Colors

Hex(CC00FF)

Have a look what the booklet for
Hex(CC00FF) contains.

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Color

Hex(CC00FF)

Conversions

Conversions Part 1

Format	Color
Hex	CC00FF
RGB	204, 0, 255
RGB Percent	80%, 0%, 100%
CMY	0.2000, 1.0000, 0.0000
CMYK	0.20, 1.00, 0.00, 0.00
HSL	288°, 100%, 50%
HSV	288°, 100%, 100%
XYZ	42.9518, 20.0574, 96.2154
YIQ	90.0660, 39.7290, 122.5530

Conversions

Conversions Part 2

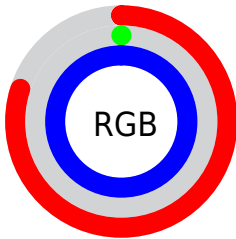
Format	Color
RYB	204, 0, 255
Decimal	13369599
CIELab	51.90, 91.01, -74.85
CIElCh	52, 117.838, 320.566
Yxy	20.0574, 0.2698, 0.1260
Android (android.graphics.Color)	4291559679 (0xFFCC00FF)
YUV	90.0660, 81.3125, 99.9201
Hunter-Lab	44.7855, 92.8173, -96.0266

Details

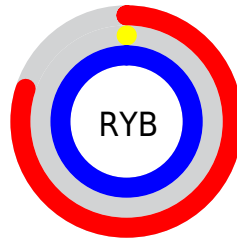
The Hex color **CC00FF** is a light color, and the websafe version is hex **CC00FF**, and the color name is **vivid orchid**. The color can be described as light saturated magenta. A complement of this color would be **33FF00**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60FF**, and **8F00C5** is the 20% darker color. If you saturate the color by 10%, you get **CC00FF**, and if you desaturate by 10%, it is **D119FF**.

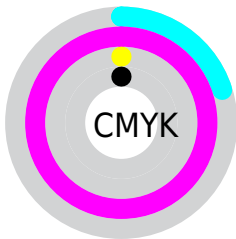
Distribution



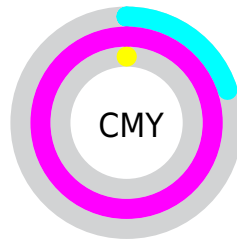
- Red (80%)
- Green (0%)
- Blue (100%)



- Red (80%)
- Yellow (0%)
- Blue (100%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC00FF 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 CC00FF by changing the saturation by 10% instead.

 CC00FF

 CC00FF


FFFFFF

 AE00E2

 FF60FF

 8F00C5

 FF80FF

 7100A9

 FF9EFF

 52008E

 FFBDFD

 340073

 FFDBFF

 040059

 FFFAFF

 000041

 000329

 000114

 CC00FF

 D119FF

 D633FF

 DB4DFF

 E066FF

 E680FF

 EB99FF

 F0B3FF

 F5CCFF

 FAE6FF

Harmonies

Analogous

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



0072FF



CC00FF



FF00A0

Triad

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



CC00FF



B16D00



00A1C1

Complementary

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



CC00FF



33FF00

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.



009E57



CC00FF



518B00

Square

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



CC00FF



F51A00



009800



00A0FF

Rectangle

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



CC00FF



FF005E



009800



00A09F

Sweetspot

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



CC00FF



F0B3FF



0033FF



765280



000000



808080

Same Dimension

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



CC00FF



FF00B3



7D7380



9900BF



330040

Inverse Universe

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



FF0033



00FF4D



807375



BF0026



40000D

Previews

White Background



This preview shows how the Hex color CC00FF looks on a white background.

Color Contrast Check

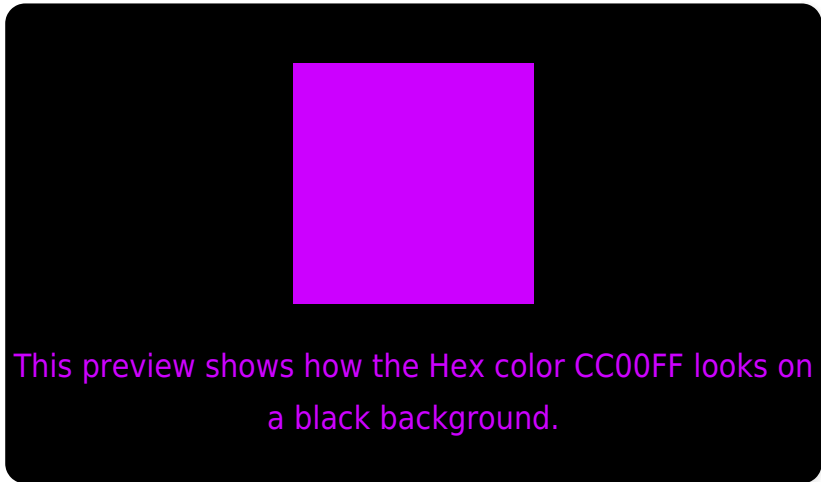
Large Text (above 18pt) WCAG AA ✓ Pass

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

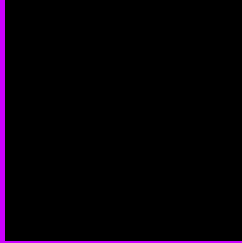
Any Text WCAG AA ✓ Pass

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 CC00FF Background



This preview shows how black text looks on a background with the Hex color CC00FF.



This preview shows how white text looks on a background with the Hex color CC00FF.

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
B7646B

Trichromacy



Original Color
CC00FF



Protanomaly
4A4DFE



Deuteranomaly
4A51EB



Tritanomaly
BF40A1

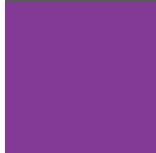
Monochromacy



Original Color
CC00FF



Achromatopsia
5A5A5A



Achromatomaly
833996

CSS Examples

Text

The CSS property to change the color of the text to Hex CC00FF 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 #CC00FF looks like.

```
.text, #text, p{  
    color:#CC00FF  
}
```

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 #CC00FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC00FF
}
```

Border

The CSS property to change the border of an element to Hex CC00FF 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
#CC00FF }
```

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

```
.border{ border-color:#CC00FF }
```

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

Here you see how a box with a 4 pixel #CC00FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC00FF; -webkit-box-shadow:4px 4px  
4px 4px #CC00FF; box-shadow:4px 4px 4px  
4px #CC00FF }
```

Background

The CSS property to change the background color of an element to Hex CC00FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC00FF }
```

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

```
.background{ background-color:#CC00FF }
```

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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