

# Converting Colors

Hex(CB2FC3)

Have a look what the booklet for  
Hex(CB2FC3) contains.

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**Color**

**Hex(CB2FC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB2FC3
RGB	203, 47, 195
RGB Percent	80%, 18%, 76%
CMY	0.2039, 0.8157, 0.2353
CMYK	0.00, 0.77, 0.04, 0.20
HSL	303°, 62%, 49%
HSV	303°, 77%, 80%
XYZ	35.4954, 18.6697, 53.3625
YIQ	110.5160, 45.4680, 79.1000

# Conversions

## Conversions Part 2

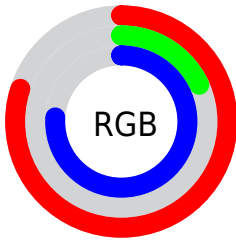
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 47, 195
Decimal	13316035
CIE Lab	50.30, 74.30, -43.38
CIE LCh	50, 86.032, 329.722
Yxy	18.6697, 0.3301, 0.1736
Android (android.graphics.Color)	4291506115 (0xFFCB2FC3)
YUV	110.5160, 41.6506, 81.1085
Hunter-Lab	43.2084, 71.0219, -42.9775

# Details

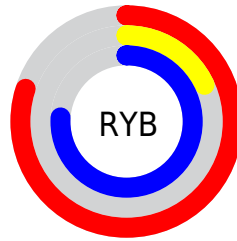
The Hex color **CB2FC3** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **2FCB37**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6FFC**, and **91008D** is the 20% darker color. If you saturate the color by 10%, you get **CB1BC2**, and if you desaturate by 10%, it is **CB43C4**.

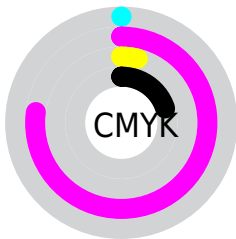
# Distribution



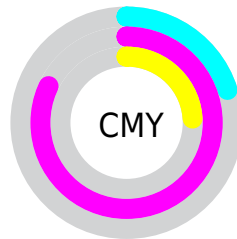
- Red (80%)
- Green (18%)
- Blue (76%)



- Red (80%)
- Yellow (18%)
- Blue (76%)



- Cyan (0%)
- Magenta (77%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (82%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB2FC3 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 CB2FC3 by changing the saturation by 10% instead.



 CB2FC3

 CB2FC3

FFFFFF

 AE00A7

 FF6FFC

 91008D

 FF8CFF

 740073

 FFA9FF

 580059

 FFC6FF

 3F0042

 FFE4FF

 21002A

 000114

 000000

 CB2FC3

 CB2FC3

 CB1BC2

 CB43C4

 CB06C1

 CB58C5

 CB00C1

 CB6CC6

 CB80C7

 CB95C8

 CBA9C9

 CBBDCA

 CBD1CB

 CBE6CC

# Harmonies

## Analogous

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



6464F9



CB2FC3



F1007C

# Triad

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



CB2FC3



937500



0096BF

# Complementary

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



CB2FC3



2FCB37

# 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.



009575



CB2FC3



478800

# Square

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



CB2FC3



C95400



009124



0091F7

# Rectangle

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



CB2FC3



F2004C



009124



0096A8



# Sweetspot

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



CB2FC3



FFC4FC



372FCB



805C7E



000000



808080



# Same Dimension

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



CB2FC3



FF14F3



CB2F75



665C65



A6009D



260024



# Inverse Universe

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



CB2FC3



FF14F3



2FCB85



665C65



A6009D



260024



# Previews

## White Background



This preview shows how the Hex color CB2FC3 looks on a white background.

## Color Contrast Check

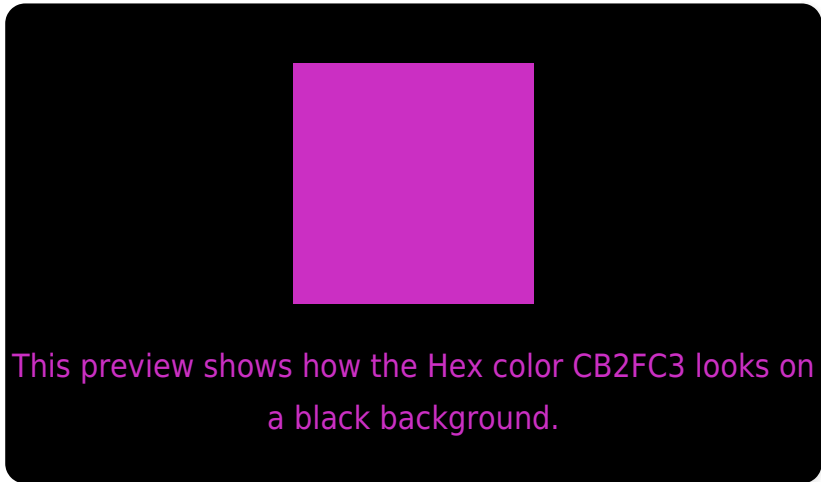
Large Text (above 18pt) WCAG AA ✓ Pass

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

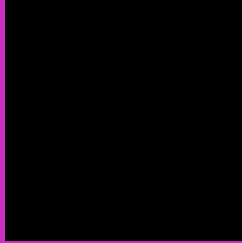
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CB2FC3 Background



This preview shows how black text looks on a background with the Hex color CB2FC3.




This preview shows how white text looks on a background with the Hex color CB2FC3.

# 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**  
C0565C

# Trichromacy



**Original Color**  
CB2FC3



**Protanomaly**  
4A5BE4



**Deuteranomaly**  
825DBD



**Tritanomaly**  
C44881

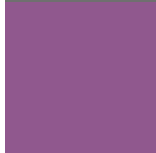
# Monochromacy



**Original Color**  
CB2FC3



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
90588E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB2FC3 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 #CB2FC3 looks like.

```
.text, #text, p{  
    color:#CB2FC3  
}
```

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 #CB2FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB2FC3
}
```

## Border

The CSS property to change the border of an element to Hex CB2FC3 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
#CB2FC3 }
```

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

```
.border{ border-color:#CB2FC3 }
```

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

Here you see how a box with a 4 pixel #CB2FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB2FC3; -webkit-box-shadow:4px 4px  
4px 4px #CB2FC3; box-shadow:4px 4px 4px  
4px #CB2FC3 }
```

# Background

The CSS property to change the background color of an element to Hex CB2FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB2FC3 }
```

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

```
.background{ background-color:#CB2FC3 }
```

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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