

Converting Colors

Hex(CF4FE3)

Have a look what the booklet for
Hex(CF4FE3) contains.

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Color

Hex(CF4FE3)

Conversions

Conversions Part 1

Format	Color
Hex	CF4FE3
RGB	207, 79, 227
RGB Percent	81%, 31%, 89%
CMY	0.1882, 0.6902, 0.1098
CMYK	0.09, 0.65, 0.00, 0.11
HSL	292°, 73%, 60%
HSV	292°, 65%, 89%
XYZ	42.3932, 24.4034, 75.1490
YIQ	134.1440, 28.7800, 73.1640

Conversions

Conversions Part 2

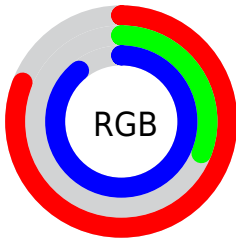
Format	Color
RYB	207, 79, 227
Decimal	13586403
CIELab	56.49, 69.57, -51.76
CIELCh	56, 86.714, 323.348
Yxy	24.4034, 0.2987, 0.1719
Android (android.graphics.Color)	4291776483 (0xFFCF4FE3)
YUV	134.1440, 45.7780, 63.8947
Hunter-Lab	49.3998, 66.7330, -55.6145

Details

The Hex color **CF4FE3** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **63E34F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF88FF**, and **9500AB** is the 20% darker color. If you saturate the color by 10%, you get **CC38E3**, and if you desaturate by 10%, it is **D266E3**.

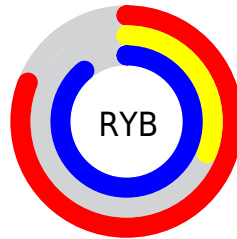
Distribution



Red (81%)

Green (31%)

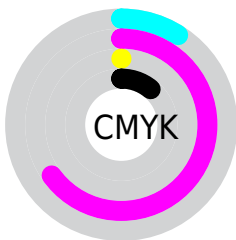
Blue (89%)



Red (81%)

Yellow (31%)

Blue (89%)

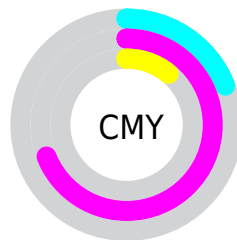


Cyan (9%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (19%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF4FE3 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 CF4FE3 by changing the saturation by 10% instead.

 CF4FE3

 CF4FE3

FFFFFF

 B230C7

 FF88FF

 9500AB

 FFA5FF

 790090

 FFC2FF

 5C0076

 FFDFFF

 41005C

 FFFDFF

 260044

 00002C

 000117

 000000

 CF4FE3

 CF4FE3

 CC38E3

 D266E3

 C922E3

 D57CE3

 C60BE3

 D893E3

 C400E3

 DBAAE3

 DEC1E3

 E1D7E3

 E4EEE3

 E8FFE3

 EBFEE3

Harmonies

Analogous

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



4C7BFF



CF4FE3



FF109C

Triad

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



CF4FE3



B27F00



00A7C2

Complementary

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



CF4FE3



63E34F

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.



00A674



CF4FE3



6B9500

Square

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



CF4FE3



E85A00



00A11E



00A4FF

Rectangle

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



CF4FE3



FF0D6A



00A11E



00A7A8

Sweetspot

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



CF4FE3



F8CCFF



4F65E3



7B6180



000000



808080

Same Dimension

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



CF4FE3



E438FF



E34FAF



716773



9A00B3



2C0033

Inverse Universe

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



E34F63



FF3853



4FE383



736769



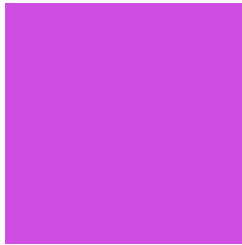
B30018



330007

Previews

White Background



This preview shows how the Hex color CF4FE3 looks on a white background.

Color Contrast Check

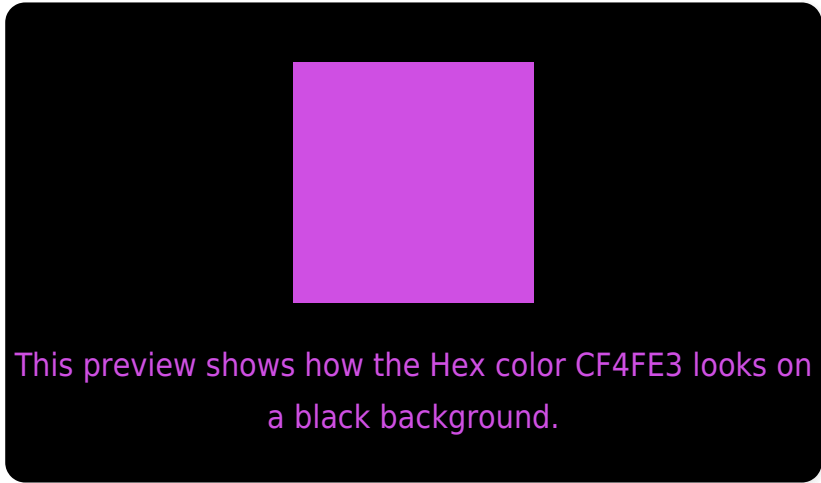
Large Text (above 18pt) WCAG AA ✓ Pass

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

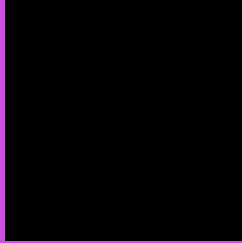
Any Text WCAG AA ✓ Pass

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 CF4FE3 Background



This preview shows how black text looks on a background with the Hex color CF4FE3.

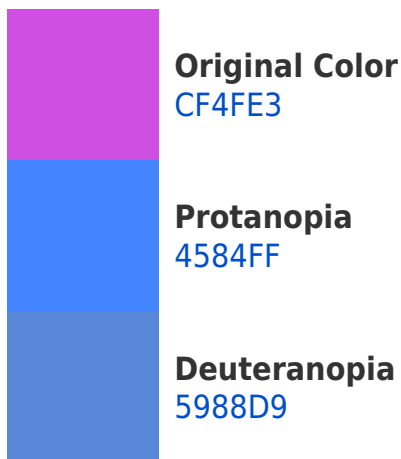


This preview shows how white text looks on a background with the Hex color CF4FE3.

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
C17078

Trichromacy



Original Color
CF4FE3



Protanomaly
7771F5



Deuteranomaly
8473DD



Tritanomaly
C6649F

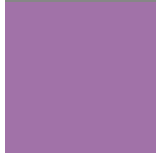
Monochromacy



Original Color
CF4FE3



Achromatopsia
868686



Achromatomaly
A172A8

CSS Examples

Text

The CSS property to change the color of the text to Hex CF4FE3 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 #CF4FE3 looks like.

```
.text, #text, p{  
    color:#CF4FE3  
}
```

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 #CF4FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF4FE3
}
```

Border

The CSS property to change the border of an element to Hex CF4FE3 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
#CF4FE3 }
```

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

```
.border{ border-color:#CF4FE3 }
```

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

Here you see how a box with a 4 pixel #CF4FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF4FE3; -webkit-box-shadow:4px 4px  
4px 4px #CF4FE3; box-shadow:4px 4px 4px  
4px #CF4FE3 }
```

Background

The CSS property to change the background color of an element to Hex CF4FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF4FE3 }
```

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

```
.background{ background-color:#CF4FE3 }
```

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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