

# Converting Colors

Hex(CF5FE4)

Have a look what the booklet for  
Hex(CF5FE4) contains.

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# Color

Hex(CF5FE4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF5FE4
RGB	207, 95, 228
RGB Percent	81%, 37%, 89%
CMY	0.1882, 0.6275, 0.1059
CMYK	0.09, 0.58, 0.00, 0.11
HSL	291°, 71%, 63%
HSV	291°, 58%, 89%
XYZ	43.8279, 27.0513, 76.3102
YIQ	143.6500, 24.0590, 65.1070

# Conversions

## Conversions Part 2

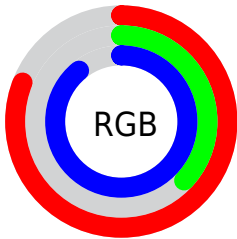
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 95, 228
Decimal	13590500
CIE <sub>Lab</sub>	59.02, 62.92, -48.30
CIE <sub>LCh</sub>	59, 79.320, 322.484
Yxy	27.0513, 0.2978, 0.1838
Android (android.graphics.Color)	4291780580 (0xFFCF5FE4)
YUV	143.6500, 41.5846, 55.5580
Hunter-Lab	52.0108, 59.3976, -50.5826

# Details

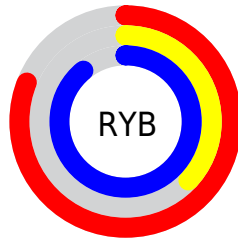
The Hex color **CF5FE4** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **74E45F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF97FF**, and **9524AC** is the 20% darker color. If you saturate the color by 10%, you get **CB48E4**, and if you desaturate by 10%, it is **D376E4**.

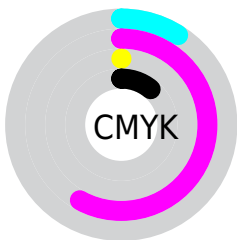
# Distribution



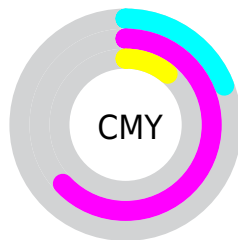
- Red (81%)
- Green (37%)
- Blue (89%)



- Red (81%)
- Yellow (37%)
- Blue (89%)



- Cyan (9%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (63%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF5FE4 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 CF5FE4 by changing the saturation by 10% instead.



 CF5FE4

 CF5FE4

FFFFFF

 B243C8

 FF97FF

 9524AC

 FFB3FF

 790091

 FFD0FF

 5E0077

 FFEDFF

 43005D

 2A0045

 00002E

 000118

 000000

 CF5FE4

 CF5FE4

 CB48E4

 D376E4

 C831E4

 D68DE4

 C41BE4

 DAA3E4

 C104E4

 DDBAE4

 C000E4

 E1D1E4

 E5E8E4

 E8FFE4

 ECFFE4

 EFFE4

# Harmonies

## Analogous

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



5D83FF



CF5FE4



FF3BA3

# Triad

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



CF5FE4



BA8500



00ACC2

# Complementary

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



CF5FE4



74E45F

# 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.



00AB7A



CF5FE4



799A00

# Square

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



CF5FE4



EB6517



00A62F



00A9FC

# Rectangle

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



CF5FE4



FF3974



00A62F



00ADAA



# Sweetspot

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



CF5FE4



F8D1FF



5F75E4



7B6380



000000



808080



# Same Dimension

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



CF5FE4



E34DFF



E45FB8



716773



9600B3



2B0033



# Inverse Universe

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



E45F74



FF4D69



5FE48B



736769



B3001C

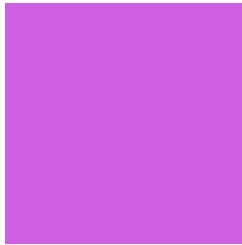


330008



# Previews

## White Background



This preview shows how the Hex color CF5FE4 looks on a white background.

## Color Contrast Check

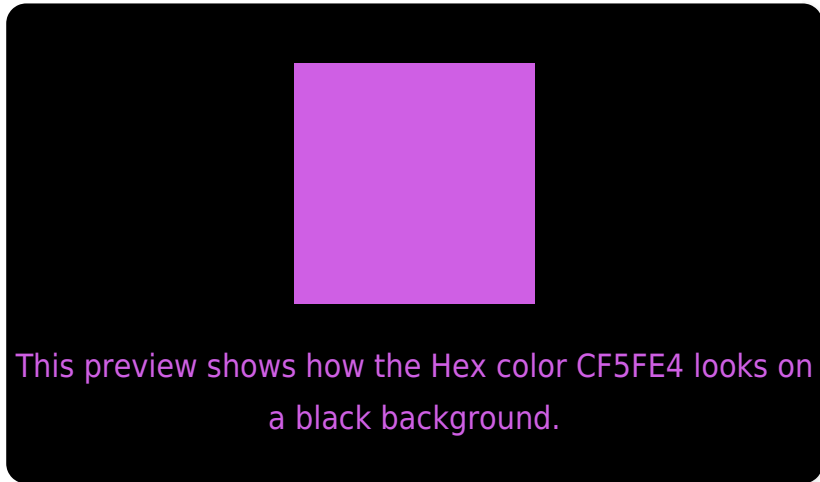
Large Text (above 18pt) WCAG AA ✓ Pass

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

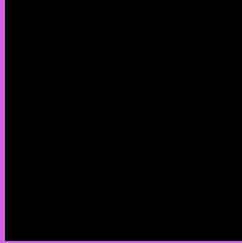
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CF5FE4 Background



This preview shows how black text looks on a background with the Hex color CF5FE4.

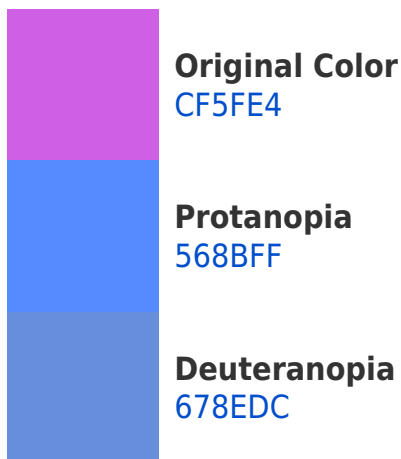



This preview shows how white text looks on a background with the Hex color CF5FE4.

# 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**  
C27A83

# Trichromacy



**Original Color**  
CF5FE4



**Protanomaly**  
827BF5



**Deuteranomaly**  
8D7DDF



**Tritanomaly**  
C770A6

# Monochromacy



**Original Color**  
CF5FE4



**Achromatopsia**  
909090



**Achromatomaly**  
A77EAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF5FE4 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 #CF5FE4 looks like.

```
.text, #text, p{  
    color:#CF5FE4  
}
```

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 #CF5FE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF5FE4
}
```

## Border

The CSS property to change the border of an element to Hex CF5FE4 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
#CF5FE4 }
```

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

```
.border{ border-color:#CF5FE4 }
```

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

Here you see how a box with a 4 pixel #CF5FE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF5FE4; -webkit-box-shadow:4px 4px  
4px 4px #CF5FE4; box-shadow:4px 4px 4px  
4px #CF5FE4 }
```

# Background

The CSS property to change the background color of an element to Hex CF5FE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF5FE4 }
```

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

```
.background{ background-color:#CF5FE4 }
```

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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