

Converting Colors

Hex(CA4FB0)

Have a look what the booklet for
Hex(CA4FB0) contains.

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Color

Hex(CA4FB0)

Conversions

Conversions Part 1

Format	Color
Hex	CA4FB0
RGB	202, 79, 176
RGB Percent	79%, 31%, 69%
CMY	0.2078, 0.6902, 0.3098
CMYK	0.00, 0.61, 0.13, 0.21
HSL	313°, 54%, 55%
HSV	313°, 61%, 79%
XYZ	34.9896, 21.2831, 43.3382
YIQ	126.8350, 42.1710, 56.2430

Conversions

Conversions Part 2

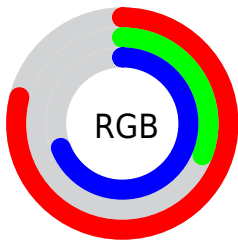
Format	Color
RYB	202, 79, 176
Decimal	13258672
CIELab	53.26, 59.82, -27.71
CIElCh	53, 65.926, 335.147
Yxy	21.2831, 0.3513, 0.2137
Android (android.graphics.Color)	4291448752 (0xFFCA4FB0)
YUV	126.8350, 24.2383, 65.9197
Hunter-Lab	46.1336, 54.6477, -23.4038

Details

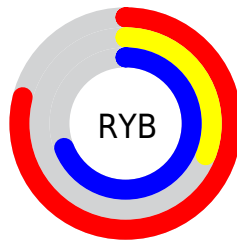
The Hex color **CA4FB0** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **4FCA69**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF87E8**, and **910B7B** is the 20% darker color. If you saturate the color by 10%, you get **CA3BAC**, and if you desaturate by 10%, it is **CA63B4**.

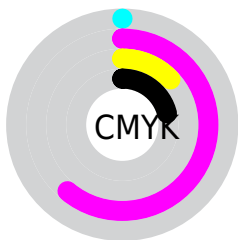
Distribution



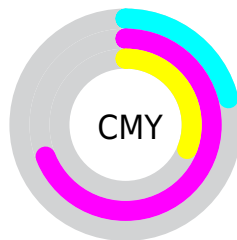
- Red (79%)
- Green (31%)
- Blue (69%)



- Red (79%)
- Yellow (31%)
- Blue (69%)



- Cyan (0%)
- Magenta (61%)
- Yellow (13%)
- Black (21%)



- Cyan (21%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4FB0 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 CA4FB0 by changing the saturation by 10% instead.

CA4FB0

CA4FB0

FFFFFF

AD3295

FF87E8

910B7B

FFA3FF

750062

FFBFFF

5A004A

FFDCFF

400033

FFFAFF

25001D

000000

CA4FB0

CA4FB0

CA3BAC

CA63B4

■ CA27A7

■ CA77B9

■ CA12A3

■ CA8CBD

■ CA009F

■ CAA0C1

■ CAB4C5

■ CAC8CA

■ CADCCE

■ CAF1D2

■ CAFFD6

Harmonies

Analogous

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



8B6BDD



CA4FB0



E24078

Triad

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



CA4FB0



908000



0098BF

Complementary

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



CA4FB0



4FCA69

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.



009988



CA4FB0



548E0E

Square

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



CA4FB0



BE6A06



00964D



0092E6

Rectangle

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



CA4FB0



E14853



00964D



0099AE

Sweetspot

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



CA4FB0



FFD1F5



684FCA



80637A



000000



808080

Same Dimension

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



CA4FB0



FF45D8



CA4F74



665C64



A60083



26001E

Inverse Universe

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



CA4FB0



FF45D8



4FCAA5



665C64



A60083



26001E

Previews

White Background



This preview shows how the Hex color CA4FB0 looks on a white background.

Color Contrast Check

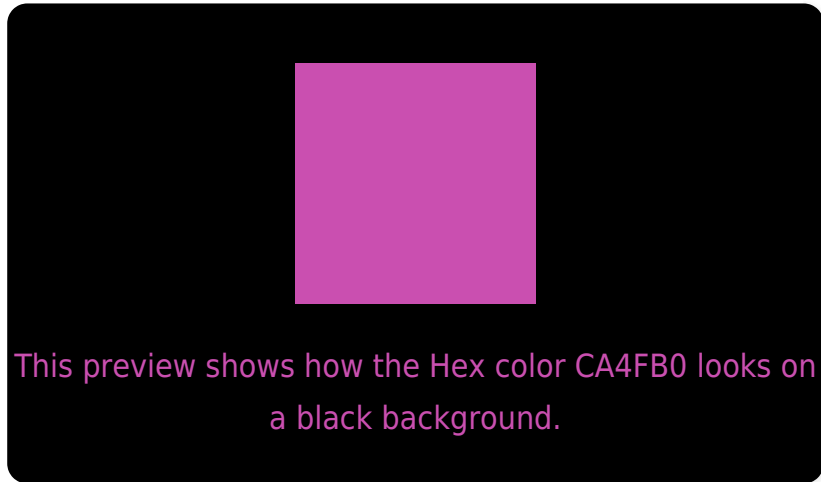
Large Text (above 18pt) WCAG AA ✓ Pass

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

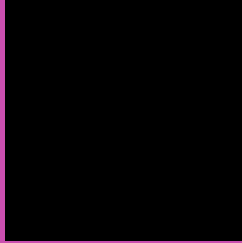
Any Text WCAG AA ✓ Pass

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 CA4FB0 Background



This preview shows how black text looks on a background with the Hex color CA4FB0.

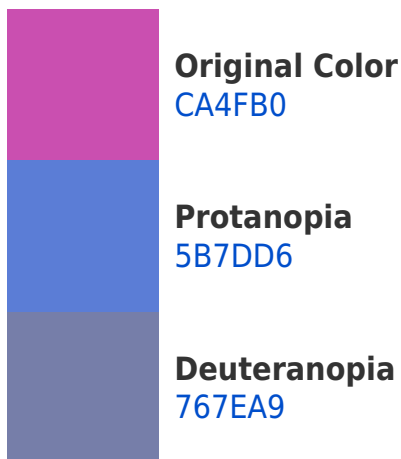


This preview shows how white text looks on a background with the Hex color CA4FB0.

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](#).

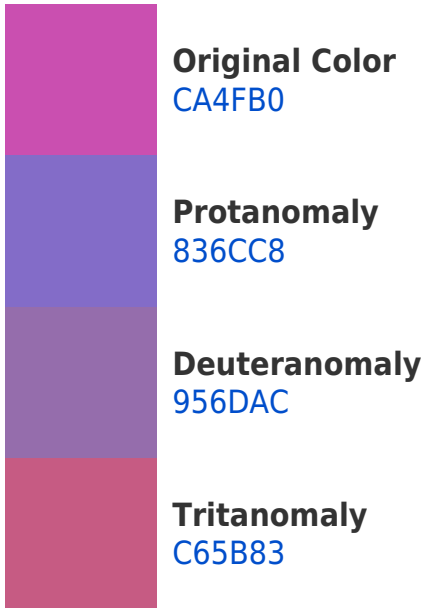
Dichromacy





Tritanopia
C36269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA4FB0 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 #CA4FB0 looks like.

```
.text, #text, p{  
    color:#CA4FB0  
}
```

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 #CA4FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4FB0
}
```

Border

The CSS property to change the border of an element to Hex CA4FB0 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
#CA4FB0 }
```

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

```
.border{ border-color:#CA4FB0 }
```

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

Here you see how a box with a 4 pixel #CA4FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4FB0; -webkit-box-shadow:4px 4px  
4px 4px #CA4FB0; box-shadow:4px 4px 4px  
4px #CA4FB0 }
```

Background

The CSS property to change the background color of an element to Hex CA4FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4FB0 }
```

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

```
.background{ background-color:#CA4FB0 }
```

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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