

Converting Colors

Hex(CCA4F3)

Have a look what the booklet for
Hex(CCA4F3) contains.

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Color

Hex(CCA4F3)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4F3
RGB	204, 164, 243
RGB Percent	80%, 64%, 95%
CMY	0.2000, 0.3569, 0.0471
CMYK	0.16, 0.33, 0.00, 0.05
HSL	270°, 77%, 80%
HSV	270°, 33%, 95%
XYZ	54.3550, 45.8594, 90.7809
YIQ	184.9660, -1.5190, 33.0490

Conversions

Conversions Part 2

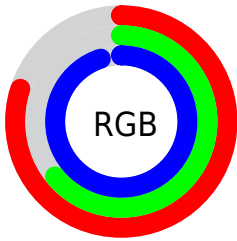
Format	Color
RYB	204, 164, 243
Decimal	13411571
CIELab	73.45, 29.44, -34.01
CIELCh	73, 44.982, 310.886
Yxy	45.8594, 0.2846, 0.2401
Android (android.graphics.Color)	4291601651 (0xFFCCA4F3)
YUV	184.9660, 28.6108, 16.6928
Hunter-Lab	67.7195, 24.7635, -32.0771

Details

The Hex color **CCA4F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CBF3A4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDBFF**, and **9570BB** is the 20% darker color. If you saturate the color by 10%, you get **C08CF3**, and if you desaturate by 10%, it is **D8BCF3**.

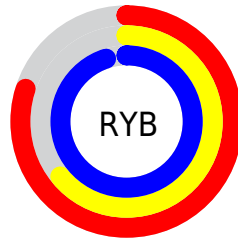
Distribution



Red (80%)

Green (64%)

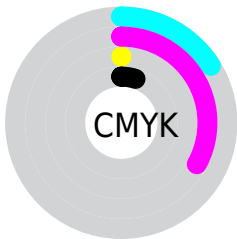
Blue (95%)



Red (80%)

Yellow (64%)

Blue (95%)

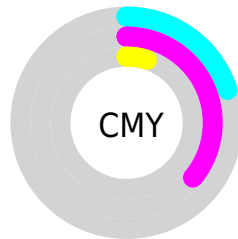


Cyan (16%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA4F3 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 CCA4F3 by changing the saturation by 10% instead.

■ CCA4F3

■ CCA4F3

FFFFFF

■ B089D6

■ FFDBFF

■ 9570BB

■ FFF8FF

■ 7A579F

■ 603F85

■ 47286B

■ 2E1253

■ 18003B

■ 000125

■ 00010D

■ CCA4F3

■ CCA4F3

■ C08CF3

■ D8BCF3

■ B473F3

■ E4D5F3

■ A85BF3

■ F0EDF3

■ 9C43F3

■ FCFFF3

■ 902BF3

■ FFFFF3

■ 8412F3

■ 7B00F3

Harmonies

Analogous

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



8FB3FF



CCA4F3



F497D0

Triad

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



CCA4F3



E5A967



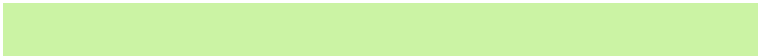
00CAC3

Complementary

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



CCA4F3



CBF3A4

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.



5CC898



CCA4F3



C0B762

Square

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



CCA4F3



FD9B80



93C274



00C8E9

Rectangle

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



CCA4F3



FF93B5



93C274



22CAB4

Sweetspot

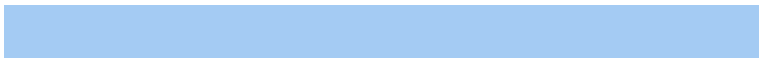
The Sweet Spot groups the original color and five complimentary colors.



CCA4F3



F2E6FF



A4CBF3



787080



000000



808080

Same Dimension

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



CCA4F3



CE9CFF



F3A4F3



746E7A



5E00BA



1E003B

Inverse Universe

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



F3A4CB



FF9CCD



A4F3A4



7A6E74



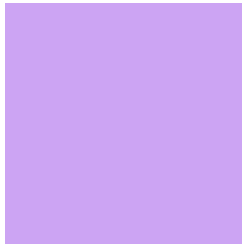
BA005C



3B001D

Previews

White Background



This preview shows how the Hex color CCA4F3 looks on a white background.

Color Contrast Check

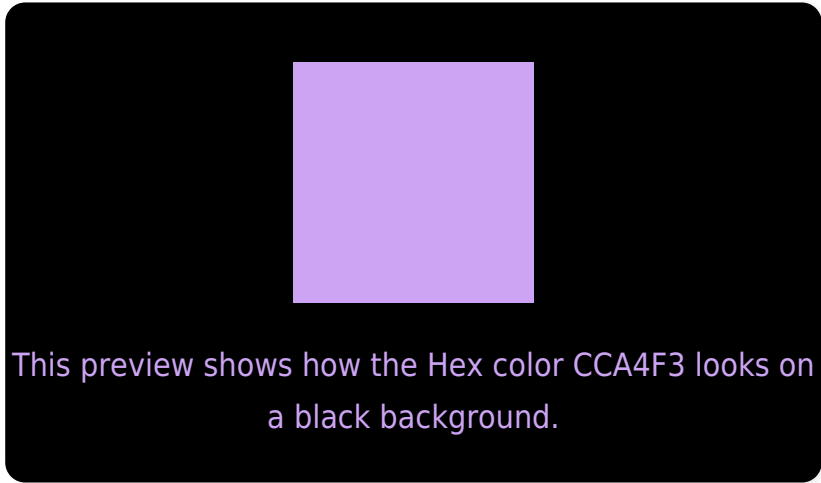
Large Text (above 18pt) WCAG AA × Fail

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

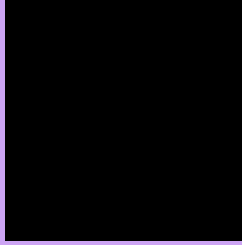
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex CCA4F3 Background



This preview shows how black text looks on a background with the Hex color CCA4F3.

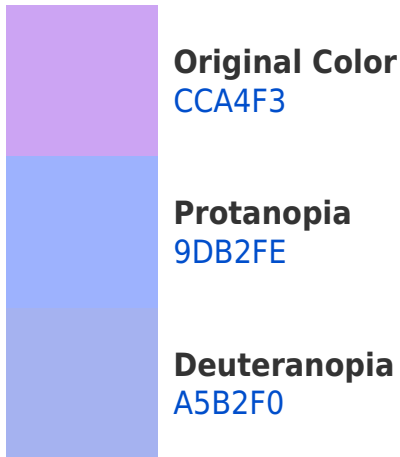


This preview shows how white text looks on a background with the Hex color CCA4F3.

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](#).

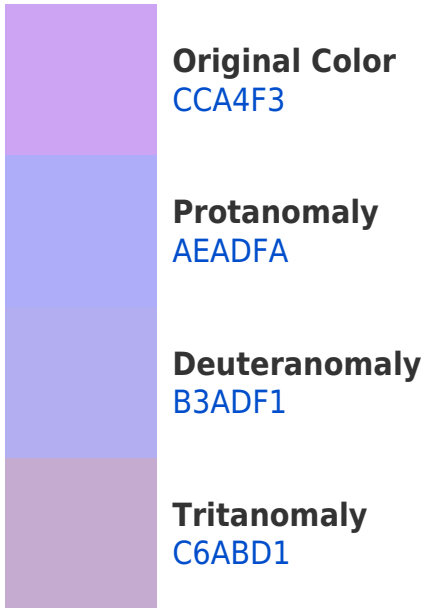
Dichromacy



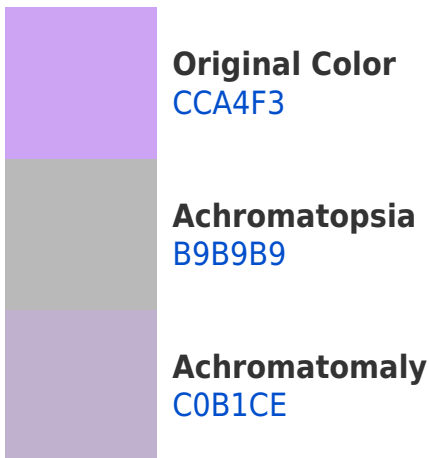


Tritanopia
C3AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA4F3 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 #CCA4F3 looks like.

```
.text, #text, p{  
    color:#CCA4F3  
}
```

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 #CCA4F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA4F3
}
```

Border

The CSS property to change the border of an element to Hex CCA4F3 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
#CCA4F3 }
```

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

```
.border{ border-color:#CCA4F3 }
```

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

Here you see how a box with a 4 pixel #CCA4F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA4F3; -webkit-box-shadow:4px 4px  
4px 4px #CCA4F3; box-shadow:4px 4px 4px  
4px #CCA4F3 }
```

Background

The CSS property to change the background color of an element to Hex CCA4F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA4F3 }
```

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

```
.background{ background-color:#CCA4F3 }
```

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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