

Converting Colors

Hex(CAA2F0)

Have a look what the booklet for
Hex(CAA2F0) contains.

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Color

Hex(CAA2F0)

Conversions

Conversions Part 1

Format	Color
Hex	CAA2F0
RGB	202, 162, 240
RGB Percent	79%, 64%, 94%
CMY	0.2078, 0.3647, 0.0588
CMYK	0.16, 0.33, 0.00, 0.06
HSL	271°, 72%, 79%
HSV	271°, 32%, 94%
XYZ	53.0056, 44.6885, 88.2701
YIQ	182.8520, -1.1980, 32.7380

Conversions

Conversions Part 2

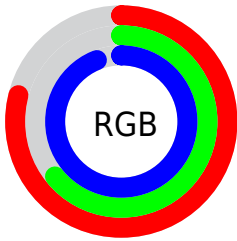
Format	Color
R_{YB}	202, 162, 240
Decimal	13279984
CIE _{Lab}	72.69, 29.29, -33.58
CIE _{LCh}	73, 44.558, 311.097
Yxy	44.6885, 0.2850, 0.2403
Android (android.graphics.Color)	4291470064 (0xFFCAA2F0)
YUV	182.8520, 28.1740, 16.7928
Hunter-Lab	66.8494, 24.5480, -31.4938

Details

The Hex color **CAA2F0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C8F0A2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD9FF**, and **936EB8** is the 20% darker color. If you saturate the color by 10%, you get **BE8AF0**, and if you desaturate by 10%, it is **D6BAF0**.

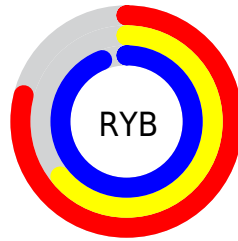
Distribution



Red (79%)

Green (64%)

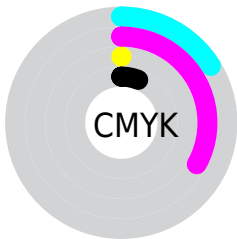
Blue (94%)



Red (79%)

Yellow (64%)

Blue (94%)

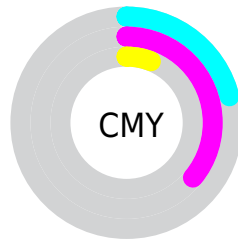


Cyan (16%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (21%)

Magenta (36%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA2F0 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 CAA2F0 by changing the saturation by 10% instead.

CAA2F0

CAA2F0

FFFFFF

AE88D4

FFD9FF

936EB8

FFF6FF

78559D

5F3D82

452669

2D1050

170039

000223

000009

CAA2F0

CAA2F0

BE8AF0

D6BAF0

B372F0

E1D2F0

A75AF0

EDEAF0

9B42F0

F9FFF0

902AF0

FFFFFF0

8412F0

7B00F0

Harmonies

Analogous

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



8DB1FF



CAA2F0



F195CE

Triad

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



CAA2F0



E2A765



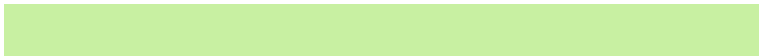
00C8C1

Complementary

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



CAA2F0



C8F0A2

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.



5AC697



CAA2F0



BDB560

Square

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



CAA2F0



FA997F



91BF73



00C5E7

Rectangle

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



CAA2F0



FE91B2



91BF73



21C8B3

Sweetspot

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



CAA2F0



F3E6FF



A2C9F0



787080



000000



808080

Same Dimension

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



CAA2F0



CF9CFF



F0A2F0



726C78



5E00B8



1D0038

Inverse Universe

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



F0A2C8



FF9CCC



A2F0A2



786C72



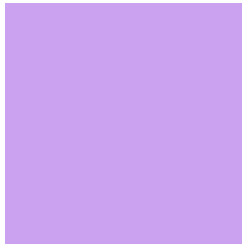
B80059



38001B

Previews

White Background



This preview shows how the Hex color CAA2F0 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

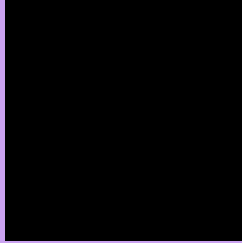
Any Text WCAG AA ✓ Pass

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 CAA2F0 Background



This preview shows how black text looks on a background with the Hex color CAA2F0.

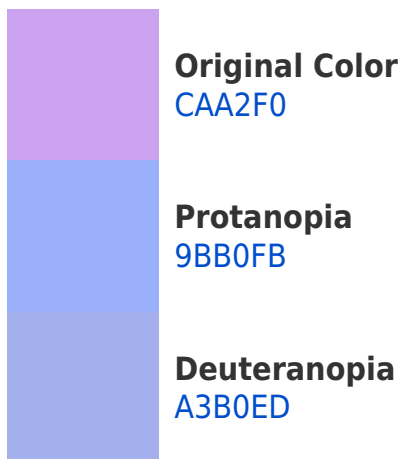


This preview shows how white text looks on a background with the Hex color CAA2F0.

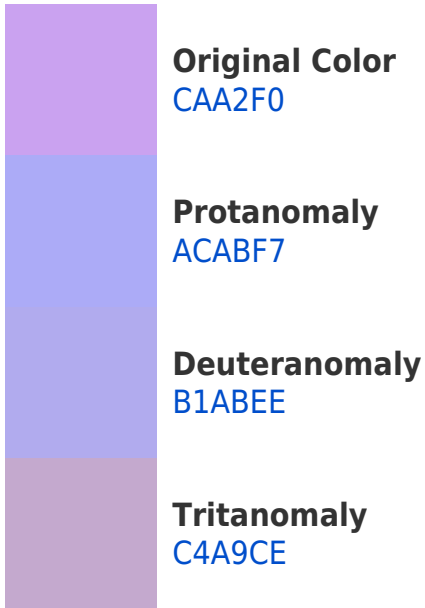
Color Blindness Simulation

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](#).

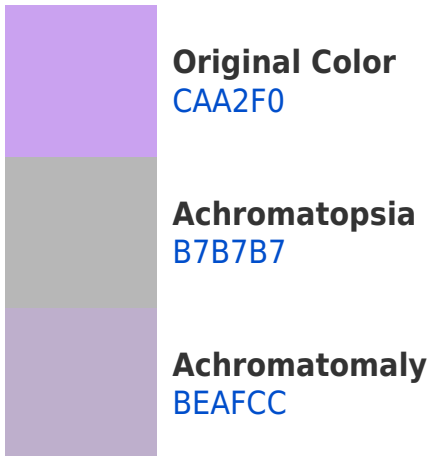
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA2F0 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 #CAA2F0 looks like.

```
.text, #text, p{  
    color:#CAA2F0  
}
```

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 #CAA2F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA2F0
}
```

Border

The CSS property to change the border of an element to Hex CAA2F0 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
#CAA2F0 }
```

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

```
.border{ border-color:#CAA2F0 }
```

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

Here you see how a box with a 4 pixel #CAA2F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA2F0; -webkit-box-shadow:4px 4px  
4px 4px #CAA2F0; box-shadow:4px 4px 4px  
4px #CAA2F0 }
```

Background

The CSS property to change the background color of an element to Hex CAA2F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA2F0 }
```

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

```
.background{ background-color:#CAA2F0 }
```

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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