

# Converting Colors

Hex(CA8FE1)

Have a look what the booklet for  
Hex(CA8FE1) contains.

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# Color

**Hex(CA8FE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8FE1
RGB	202, 143, 225
RGB Percent	79%, 56%, 88%
CMY	0.2078, 0.4392, 0.1176
CMYK	0.10, 0.36, 0.00, 0.12
HSL	283°, 58%, 72%
HSV	283°, 36%, 88%
XYZ	47.7702, 37.6377, 75.9812
YIQ	169.9890, 8.8420, 38.0100

# Conversions

## Conversions Part 2

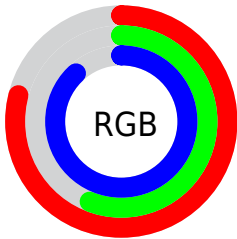
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 143, 225
Decimal	13275105
CIE <sub>Lab</sub>	67.75, 36.53, -33.00
CIE <sub>LCh</sub>	68, 49.227, 317.912
Yxy	37.6377, 0.2960, 0.2332
Android (android.graphics.Color)	4291465185 (0xFFCA8FE1)
YUV	169.9890, 27.1204, 28.0736
Hunter-Lab	61.3496, 31.6282, -30.4857

# Details

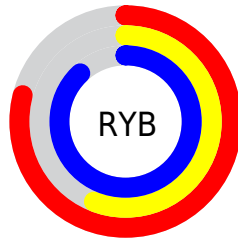
The Hex color **CA8FE1** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A6E18F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC6FF**, and **935BA9** is the 20% darker color. If you saturate the color by 10%, you get **C479E1**, and if you desaturate by 10%, it is **D0A5E1**.

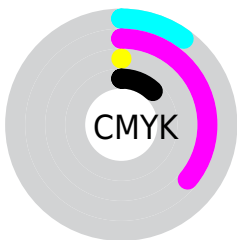
# Distribution



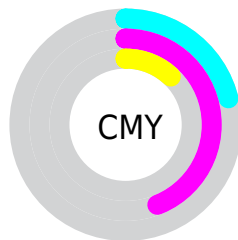
- Red (79%)
- Green (56%)
- Blue (88%)



- Red (79%)
- Yellow (56%)
- Blue (88%)



- Cyan (10%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (44%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8FE1 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 CA8FE1 by changing the saturation by 10% instead.



■ CA8FE1

■ CA8FE1

FFFFFF

■ AE75C5

■ FFC6FF

■ 935BA9

■ FFE2FF

■ 78438F

■ 5E2B75

■ 45125C

■ 2C0044

■ 18002D

■ 000117

■ 000000

CA8FE1

CA8FE1

C479E1

D0A5E1

BD62E1

D7BCE1

B74CE1

DDD3E1

B135E1

E3E9E1

AA1EE1

EAF FE1

A408E1

F0FFE1

A200E1

F6FFE1

FCFFE1

FFFFE1

# Harmonies

## Analogous

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



8BA0FA



CA8FE1



EE82B9

# Triad

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



CA8FE1



CF9C4D



00BCBF

# Complementary

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



CA8FE1



A6E18F

# 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.



1DDB91



CA8FE1



A5AB4D

# Square

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



CA8FE1



ED8C65



72B567



00B8E6

# Rectangle

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



CA8FE1



F87F9B



72B567



00BCB0



# Sweetspot

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



CA8FE1



F7E3FF



8FA6E1



7B6F80



000000



808080



# Same Dimension

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



CA8FE1



E08FFF



E18FCF



6D6570



7F00B0



230030



# Inverse Universe

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



E18FA6



FF8FAE



8FE1A1



706568



B00031

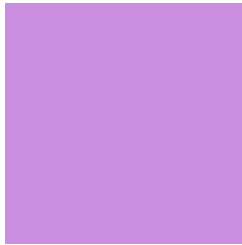


30000E



# Previews

## White Background



This preview shows how the Hex color CA8FE1 looks on a white background.

## Color Contrast Check

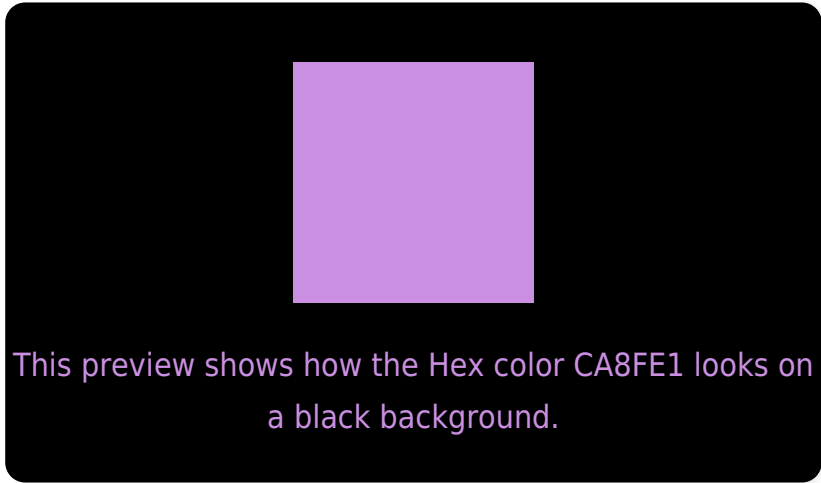
Large Text (above 18pt) WCAG AA × Fail

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 CA8FE1 Background



This preview shows how black text looks on a background with the Hex color CA8FE1.

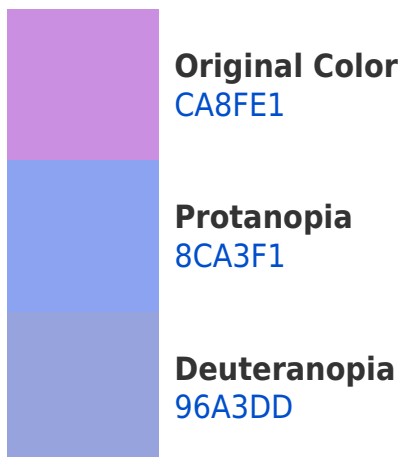


This preview shows how white text looks on a background with the Hex color CA8FE1.

# 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**  
C19BA7

# Trichromacy



**Original Color**  
CA8FE1



**Protanomaly**  
A39CEB



**Deuteranomaly**  
A99CDE



**Tritanomaly**  
C497BC

# Monochromacy



**Original Color**  
CA8FE1



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
B6A0BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8FE1 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 #CA8FE1 looks like.

```
.text, #text, p{  
    color:#CA8FE1  
}
```

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 #CA8FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8FE1
}
```

## Border

The CSS property to change the border of an element to Hex CA8FE1 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
#CA8FE1 }
```

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

```
.border{ border-color:#CA8FE1 }
```

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

Here you see how a box with a 4 pixel #CA8FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8FE1; -webkit-box-shadow:4px 4px  
4px 4px #CA8FE1; box-shadow:4px 4px 4px  
4px #CA8FE1 }
```

# Background

The CSS property to change the background color of an element to Hex CA8FE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8FE1 }
```

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

```
.background{ background-color:#CA8FE1 }
```

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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