

# Converting Colors

Hex(CA8FE3)

Have a look what the booklet for  
Hex(CA8FE3) contains.

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# Color

Hex(CA8FE3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA8FE3
RGB	202, 143, 227
RGB Percent	79%, 56%, 89%
CMY	0.2078, 0.4392, 0.1098
CMYK	0.11, 0.37, 0.00, 0.11
HSL	282°, 60%, 73%
HSV	282°, 37%, 89%
XYZ	48.0447, 37.7475, 77.4268
YIQ	170.2170, 8.2000, 38.6320

# Conversions

## Conversions Part 2

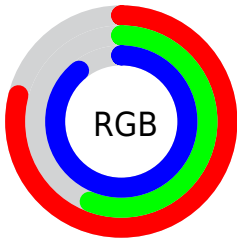
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 143, 227
Decimal	13275107
CIE Lab	67.83, 36.94, -33.97
CIE LCh	68, 50.188, 317.397
Yxy	37.7475, 0.2944, 0.2313
Android (android.graphics.Color)	4291465187 (0xFFCA8FE3)
YUV	170.2170, 27.9940, 27.8737
Hunter-Lab	61.4390, 32.0670, -31.7113

# Details

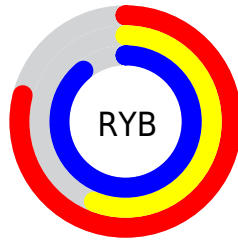
The Hex color **CA8FE3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8E38F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC6FF**, and **935BAB** is the 20% darker color. If you saturate the color by 10%, you get **C378E3**, and if you desaturate by 10%, it is **D1A6E3**.

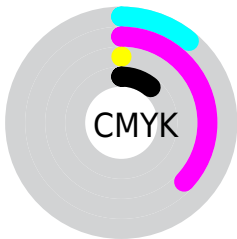
# Distribution



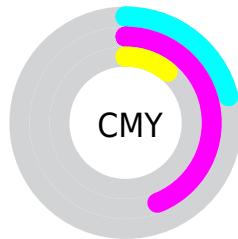
- Red (79%)
- Green (56%)
- Blue (89%)



- Red (79%)
- Yellow (56%)
- Blue (89%)



- Cyan (11%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (44%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8FE3 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 CA8FE3 by changing the saturation by 10% instead.



 CA8FE3

 CA8FE3

FFFFFF

 AE75C7

 FFC6FF

 935BAB

 FFE2FF

 784391

 5E2B77

 45125D

 2C0045

 17002F

 000119

 000000

CA8FE3

CA8FE3

C378E3

D1A6E3

BC62E3

D8BCE3

B64BE3

DED3E3

AF34E3

E5EAE3

A81EE3

ECFFE3

A107E3

F3FFE3

9F00E3

F9FFE3

FFFE3

# Harmonies

## Analogous

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



89A1FC



CA8FE3



EF81BA

# Triad

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



CA8FE3



D09C4B



00BCBF

# Complementary

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



CA8FE3



A8E38F

# 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.



18BB90



CA8FE3



A6AB4B

# Square

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



CA8FE3



EE8B64



72B566



00B9E7

# Rectangle

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



CA8FE3



FA7F9C



72B566



00BCAF



# Sweetspot

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



CA8FE3



F7E3FF



8FA8E3



7B6F80



000000



808080



# Same Dimension

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



CA8FE3



DE8FFF



E38FD2



6F6773



7D00B3



240033



# Inverse Universe

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



E38FA8



FF8FB0



8FE3A0



73676B



B30035

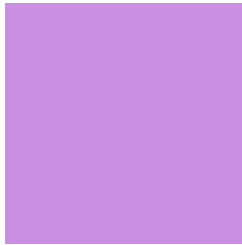


33000F



# Previews

## White Background



This preview shows how the Hex color CA8FE3 looks on a white background.

## Color Contrast Check

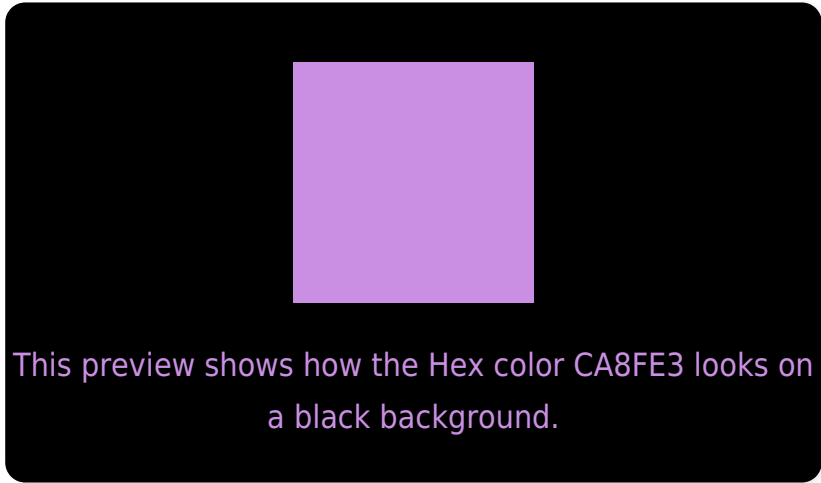
Large Text (above 18pt) WCAG AA × Fail

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

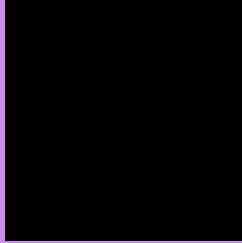
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA8FE3 Background



This preview shows how black text looks on a background with the Hex color CA8FE3.

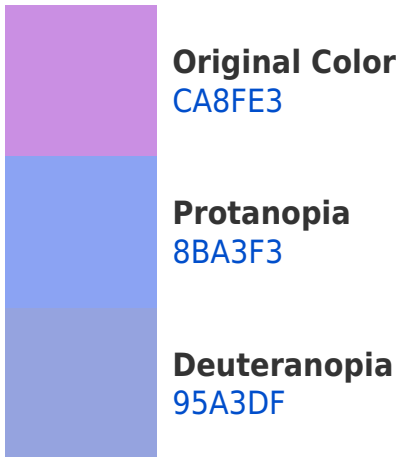


This preview shows how white text looks on a background with the Hex color CA8FE3.

# 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**  
CA8FE3



**Protanomaly**  
A29CED



**Deuteranomaly**  
A89CE0



**Tritanomaly**  
C497BD

# Monochromacy



**Original Color**  
CA8FE3



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
B6A0BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8FE3 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 #CA8FE3 looks like.

```
.text, #text, p{  
    color:#CA8FE3  
}
```

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 #CA8FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8FE3
}
```

## Border

The CSS property to change the border of an element to Hex CA8FE3 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
#CA8FE3 }
```

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

```
.border{ border-color:#CA8FE3 }
```

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

Here you see how a box with a 4 pixel #CA8FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8FE3; -webkit-box-shadow:4px 4px  
4px 4px #CA8FE3; box-shadow:4px 4px 4px  
4px #CA8FE3 }
```

# Background

The CSS property to change the background color of an element to Hex CA8FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8FE3 }
```

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

```
.background{ background-color:#CA8FE3 }
```

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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