

Converting Colors

Hex(CEAFE9)

Have a look what the booklet for
Hex(CEAFE9) contains.

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Color

Hex(CEAFE9)

Conversions

Conversions Part 1

Format	Color
Hex	CEAFE9
RGB	206, 175, 233
RGB Percent	81%, 69%, 91%
CMY	0.1922, 0.3137, 0.0863
CMYK	0.12, 0.25, 0.00, 0.09
HSL	272°, 57%, 80%
HSV	272°, 25%, 91%
XYZ	55.4916, 49.6649, 83.7524
YIQ	190.8810, -0.1420, 24.6100

Conversions

Conversions Part 2

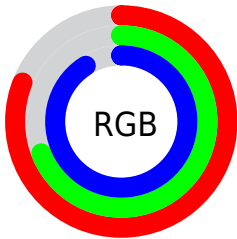
Format	Color
R _Y B	206, 175, 233
Decimal	13545449
CIE Lab	75.86, 21.93, -24.86
CIE LCh	76, 33.155, 311.414
Yxy	49.6649, 0.2937, 0.2629
Android (android.graphics.Color)	4291735529 (0xFFCEAFE9)
YUV	190.8810, 20.7647, 13.2594
Hunter-Lab	70.4734, 17.2246, -21.1304

Details

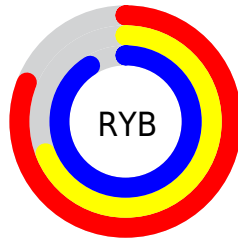
The Hex color **CEAFE9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAE9AF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE7FF**, and **977AB1** is the 20% darker color. If you saturate the color by 10%, you get **C398E9**, and if you desaturate by 10%, it is **D9C6E9**.

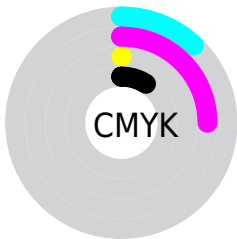
Distribution



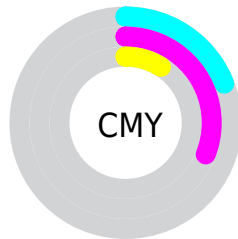
- Red (81%)
- Green (69%)
- Blue (91%)



- Red (81%)
- Yellow (69%)
- Blue (91%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEAFE9 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 CEAFE9 by changing the saturation by 10% instead.

 CEAFE9

 CEAFE9

FFFFFF

 B294CD

 FFE7FF

 977AB1

 7D6196

 63497C

 4B3263

 331D4B

 1D0734

 00001F

 000001

 #CEAFE9

 #CEAFE9

 #C398E9

 #D9C6E9

 #B880E9

 #E4DEE9

 #AD69E9

 #EFF5E9

 #A352E9

 #F9FFE9

 #983BE9

 #FFFFE9

 #8D23E9

 #820CE9

 #7D00E9

Harmonies

Analogous

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



A4BAF7



CEAFE9



EBA6CF

Triad

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



CEAFE9



E1B382



5FCCC6

Complementary

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



CEAFE9



CAE9AF

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.



7FCAA6



CEAFE9



C5BD7F

Square

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



CEAFE9



F4A994



A3C58C



58CAE2

Rectangle

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



CEAFE9



F6A4BB



A3C58C



68CCBB

Sweetspot

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



CEAFE9



F7EDFF



AFCAE9



7B7580



000000



808080

Same Dimension

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



CEAFE9



DBB3FF



E9AFE7



706A75



6100B5



1D0036

Inverse Universe

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



E9AFCA



FFB3D6



AFE9B1



756A6F



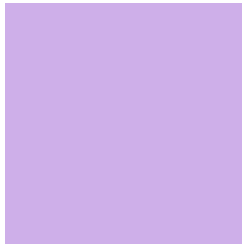
B50054



360019

Previews

White Background



This preview shows how the Hex color CEAFE9 looks on a white background.

Color Contrast Check

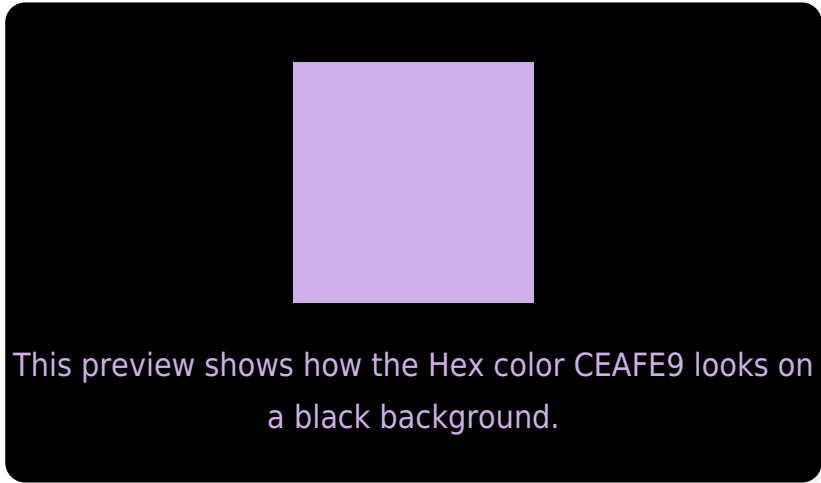
Large Text (above 18pt) WCAG AA × Fail

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

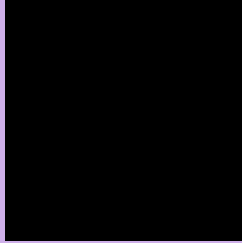
Any Text WCAG AA ✓ Pass

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 CEAFE9 Background



This preview shows how black text looks on a background with the Hex color CEAFE9.

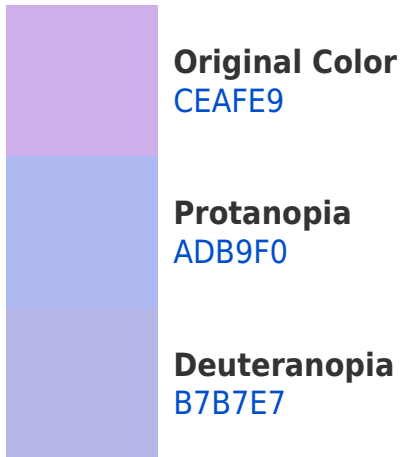


This preview shows how white text looks on a background with the Hex color CEAFE9.

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](#).

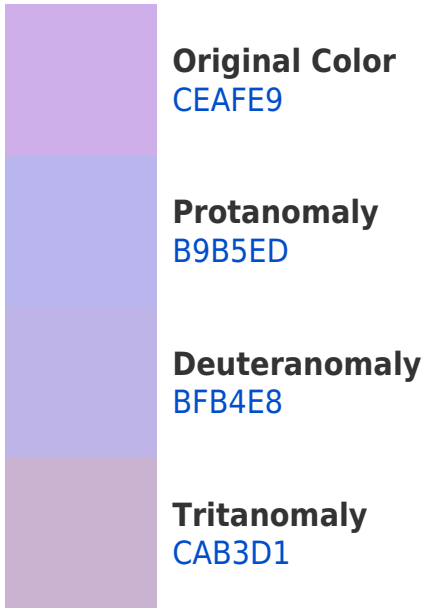
Dichromacy



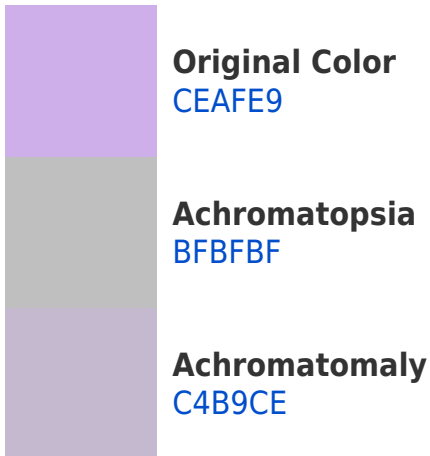


Tritanopia
C8B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEAFE9 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 #CEAFE9 looks like.

```
.text, #text, p{  
    color:#CEAFE9  
}
```

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 #CEAFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAFE9  
}
```

Border

The CSS property to change the border of an element to Hex CEAFE9 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  
#CEAFE9 }
```

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

```
.border{ border-color:#CEAFE9 }
```

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

Here you see how a box with a 4 pixel #CEAFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAFE9; -webkit-box-shadow:4px 4px  
4px 4px #CEAFE9; box-shadow:4px 4px 4px  
4px #CEAFE9 }
```

Background

The CSS property to change the background color of an element to Hex CEAFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAFE9 }
```

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

```
.background{ background-color:#CEAFE9 }
```

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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