

Converting Colors

Hex(CCAFE7)

Have a look what the booklet for
Hex(CCAFE7) contains.

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Color

Hex(CCAFE7)

Conversions

Conversions Part 1

Format	Color
Hex	CCAFE7
RGB	204, 175, 231
RGB Percent	80%, 69%, 91%
CMY	0.2000, 0.3137, 0.0941
CMYK	0.12, 0.24, 0.00, 0.09
HSL	271°, 54%, 80%
HSV	271°, 24%, 91%
XYZ	54.6556, 49.2668, 82.2301
YIQ	190.0550, -0.6920, 23.5640

Conversions

Conversions Part 2

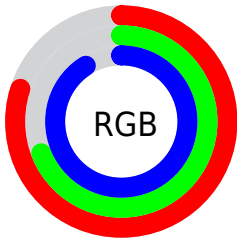
Format	Color
RYB	204, 175, 231
Decimal	13414375
CIELab	75.62, 20.88, -24.17
CIELCh	76, 31.944, 310.826
Yxy	49.2668, 0.2936, 0.2647
Android (android.graphics.Color)	4291604455 (0xFFCCAFE7)
YUV	190.0550, 20.1859, 12.2298
Hunter-Lab	70.1903, 16.1608, -20.3268

Details

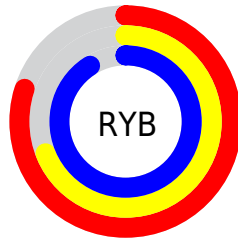
The Hex color **CCAFE7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAE7AF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE7FF**, and **957AAF** is the 20% darker color. If you saturate the color by 10%, you get **C198E7**, and if you desaturate by 10%, it is **D7C6E7**.

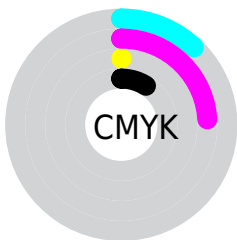
Distribution



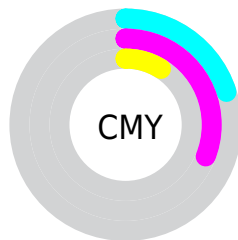
- Red (80%)
- Green (69%)
- Blue (91%)



- Red (80%)
- Yellow (69%)
- Blue (91%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCAFE7 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 CCAFE7 by changing the saturation by 10% instead.

■ CCAFE7

■ CCAFE7

FFFFFF

■ B094CB

■ FFE7FF

■ 957AAF

■ 7B6195

■ 62497B

■ 493262

■ 321D4A

■ 1B0733

■ 00001D

■ 000000

 CCAFE7

 CCAFE7

 C198E7

 D7C6E7

 B681E7

 E2DDE7

 AB6AE7

 EDF4E7

 9F53E7

 F9FFE7

 943BE7

 FFFFE7

 8924E7

 7E0DE7

 7800E7

Harmonies

Analogous

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



A4B9F4



CCAFE7



E8A7CE

Triad

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



CCAFE7



E0B283



64CBC4

Complementary

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



CCAFE7



CAE7AF

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.



81C9A6



CCAFE7



C4BC80

Square

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



CCAFE7



F1A995



A4C48D



5DC9E0

Rectangle

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



CCAFE7



F3A4BB



A4C48D



6CCBBA

Sweetspot

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



CCAFE7



F6EDFF



AFCAE7



7B7580



000000



808080

Same Dimension

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



CCAFE7



DBB5FF



E7AFE6



6D6773



5C00B3



1A0033

Inverse Universe

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



E7AFCA



FFB5D9



AFE7B0



73676D



B30056



330019

Previews

White Background



This preview shows how the Hex color CCAFE7 looks on a white background.

Color Contrast Check

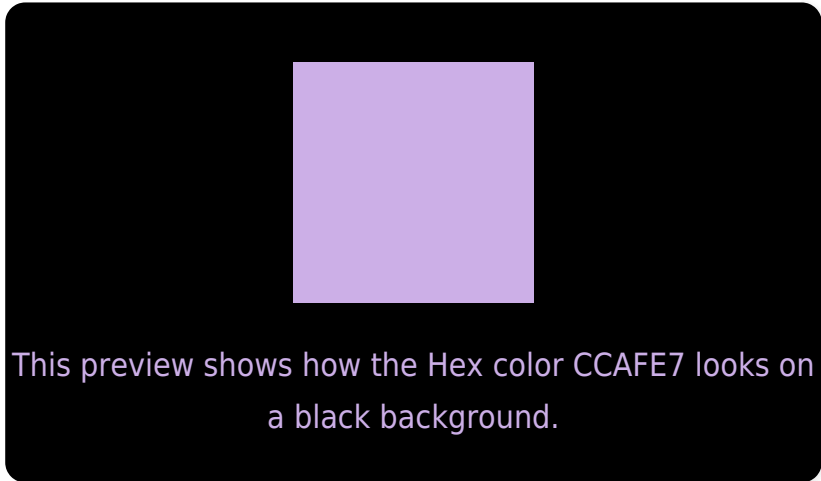
Large Text (above 18pt) WCAG AA × Fail

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

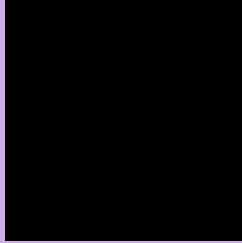
Any Text WCAG AA ✓ Pass

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 CCAFE7 Background



This preview shows how black text looks on a background with the Hex color CCAFE7.



This preview shows how white text looks on a background with the Hex color CCAFE7.

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](#).

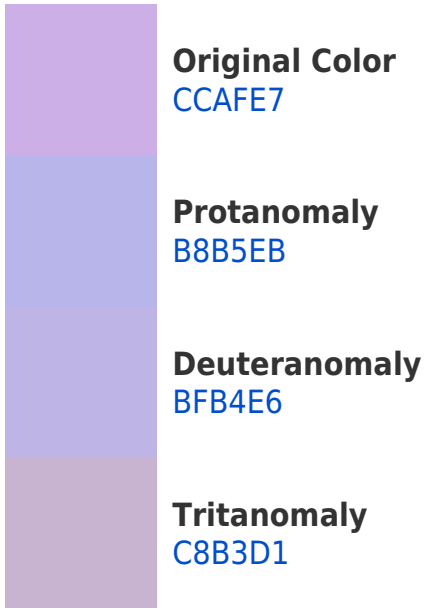
Dichromacy



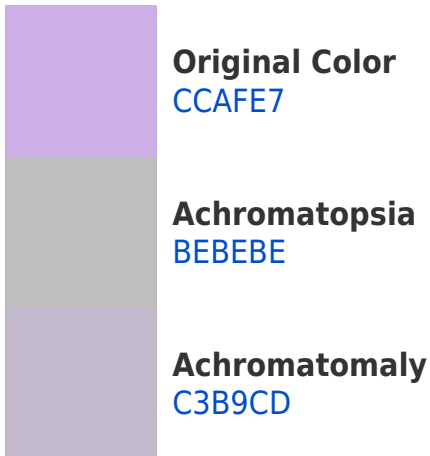


Tritanopia
C6B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCAFE7 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 #CCAFE7 looks like.

```
.text, #text, p{  
    color:#CCAFE7  
}
```

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 #CCAFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAFE7  
}
```

Border

The CSS property to change the border of an element to Hex CCAFE7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

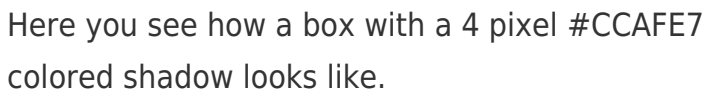
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CCAFE7 }
```

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

```
.border{ border-color:#CCAFE7 }
```

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



Here you see how a box with a 4 pixel `#CCAFE7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAFE7; -webkit-box-shadow:4px 4px  
4px 4px #CCAFE7; box-shadow:4px 4px 4px  
4px #CCAFE7 }
```

Background

The CSS property to change the background color of an element to Hex CCAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAF7 }
```

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

```
.background{ background-color:#CCAF7 }
```

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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