

# Converting Colors

Hex(CBACE7)

Have a look what the booklet for  
Hex(CBACE7) contains.

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# **Color**

**Hex(CBACE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBACE7
RGB	203, 172, 231
RGB Percent	80%, 67%, 91%
CMY	0.2039, 0.3255, 0.0941
CMYK	0.12, 0.26, 0.00, 0.09
HSL	272°, 55%, 79%
HSV	272°, 26%, 91%
XYZ	53.8049, 47.9711, 82.0248
YIQ	187.9950, -0.4630, 24.9210

# Conversions

## Conversions Part 2

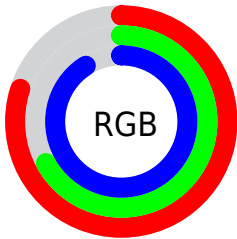
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 172, 231
Decimal	13348071
CIE <sub>Lab</sub>	74.81, 22.21, -25.42
CIE <sub>LCh</sub>	75, 33.753, 311.145
Yxy	47.9711, 0.2927, 0.2610
Android (android.graphics.Color)	4291538151 (0xFFCBACE7)
YUV	187.9950, 21.2015, 13.1594
Hunter-Lab	69.2612, 17.4592, -21.7333

# Details

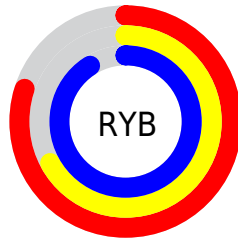
The Hex color **CBACE7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C8E7AC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE4FF**, and **9478AF** is the 20% darker color. If you saturate the color by 10%, you get **C095E7**, and if you desaturate by 10%, it is **D6C3E7**.

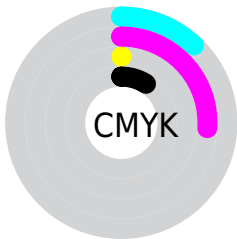
# Distribution



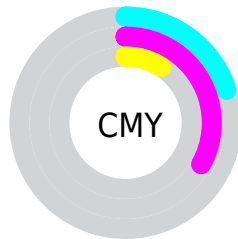
- Red (80%)
- Green (67%)
- Blue (91%)



- Red (80%)
- Yellow (67%)
- Blue (91%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (33%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBACE7 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 CBACE7 by changing the saturation by 10% instead.



 CBACE7

 CBACE7

FFFFFF

 AF91CB

 FFE4FF

 9478AF

 7A5F94

 61477B

 483061

 301A49

 1B0333

 00021D

 000000

 CBACE7

 CBACE7

 C095E7

 D6C3E7

 B57EE7

 E1DAE7

 AA67E7

 ECF1E7

 9F50E7

 F7FFE7

 9439E7

 FFFFE7

 8921E7

 7E0AE7

 7900E7

# Harmonies

## Analogous

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



A0B7F5



CBACE7



E9A3CD

# Triad

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



CBACE7



DFAF7E



5AC9C3

# Complementary

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



CBACE7



C8E7AC

# 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.



7BC8A3



CBACE7



C2BA7B

# Square

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



CBACE7



F1A691



A0C288



51C7E0

# Rectangle

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



CBACE7



F3A1B8



A0C288



64C9B8



# Sweetspot

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



CBACE7



F5EBFF



ACC9E7



797380



000000



808080



# Same Dimension

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



CBACE7



D9B0FF



E7ACE6



6D6773



5E00B3



1B0033



# Inverse Universe

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



E7ACC8



FFB0D5



ACE7AD



73676D



B30055

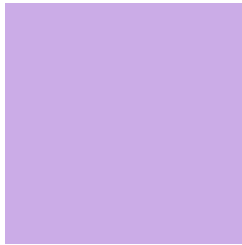


330018



# Previews

## White Background



This preview shows how the Hex color CBACE7 looks on a white background.

## Color Contrast Check

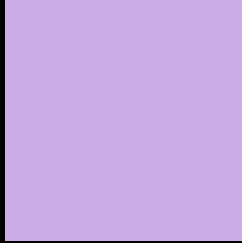
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CBACE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

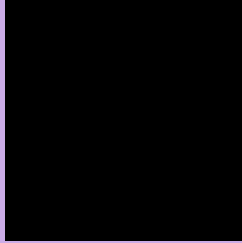
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBACE7 Background



This preview shows how black text looks on a background with the Hex color CBACE7.

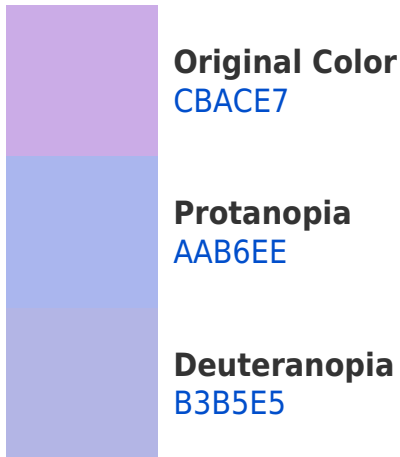


This preview shows how white text looks on a background with the Hex color CBACE7.

# 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**  
C5B3C1

# Trichromacy



**Original Color**  
CBACE7

**Protanomaly**  
B6B2EB

**Deuteranomaly**  
BCB2E6

**Tritanomaly**  
C7B0CF

# Monochromacy



**Original Color**  
CBACE7

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
C1B6CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBACE7 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 #CBACE7 looks like.

```
.text, #text, p{  
    color:#CBACE7  
}
```

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 #CBACE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBACE7
}
```

## Border

The CSS property to change the border of an element to Hex CBACE7 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
#CBACE7 }
```

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

```
.border{ border-color:#CBACE7 }
```

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

Here you see how a box with a 4 pixel #CBACE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBACE7; -webkit-box-shadow:4px 4px  
4px 4px #CBACE7; box-shadow:4px 4px 4px  
4px #CBACE7 }
```

# Background

The CSS property to change the background color of an element to Hex CBACE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBACE7 }
```

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

```
.background{ background-color:#CBACE7 }
```

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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