

# Converting Colors

Hex(CE98BA)

Have a look what the booklet for  
Hex(CE98BA) contains.

|  |    |
|--|----|
| <b>Hex(CE98BA)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(CE98BA)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CE98BA                     |
| RGB           | 206, 152, 186              |
| RGB Percent   | 81%, 60%, 73%              |
| CMY           | 0.1922, 0.4039, 0.2706     |
| CMYK          | 0.00, 0.26, 0.10, 0.19     |
| HSL           | 322°, 36%, 70%             |
| HSV           | 322°, 26%, 81%             |
| XYZ           | 45.5448, 39.1235, 51.6055  |
| YIQ           | 172.0220, 21.2700, 22.0220 |

# Conversions

## Conversions Part 2

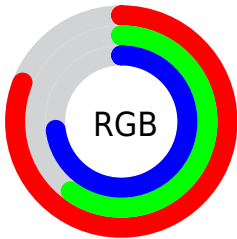
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 206, 152, 186                |
| Decimal                             | 13539514                     |
| CIE Lab                             | 68.84, 25.57, -9.66          |
| CIE LCh                             | 69, 27.335, 339.310          |
| Yxy                                 | 39.1235, 0.3342,<br>0.2871   |
| Android<br>(android.graphics.Color) | 4291729594<br>(0xFFCE98BA)   |
| YUV                                 | 172.0220, 6.8912,<br>29.7987 |
| Hunter-Lab                          | 62.5487, 20.5142,<br>-5.1328 |

# Details

The Hex color **CE98BA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **98CEAC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCFF2**, and **976485** is the 20% darker color. If you saturate the color by 10%, you get **CE83B2**, and if you desaturate by 10%, it is **CEADC2**.

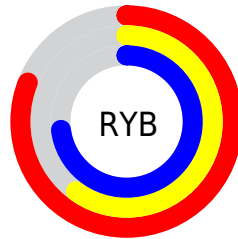
# Distribution



Red (81%)

Green (60%)

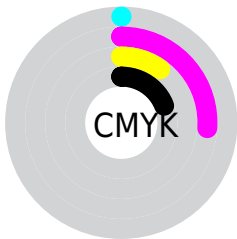
Blue (73%)



Red (81%)

Yellow (60%)

Blue (73%)

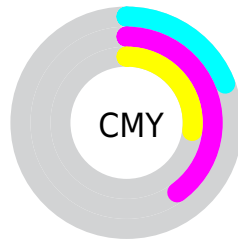


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (19%)



Cyan (19%)

Magenta (40%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE98BA 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 CE98BA by changing the saturation by 10% instead.



 CE98BA

 CE98BA

FFFFFF

 B27E9F

 FFCFF2

 976485

 FFE8FF

 7D4C6C

 633453

 4A1E3C

 330726

 1F0012

 000000

 CE98BA

 CE98BA

 CE83B2

 CEADC2

 CE6FAB

 CEC1C9

 CE5AA3

 CED6D1

 CE469B

 CEEAD9

 CE3194

 CEFFE0

 CE1C8C

 CEFFE8

 CE0885

 CEFFE F

 CE0082

 CEFFF7

 CEFFF F

# Harmonies

## Analogous

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



B59FCE



CE98BA



D996A1

# Triad

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



CE98BA



B2A977



5DB4C6

# Complementary

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



CE98BA



98CEAC

# 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.



63B6AF



CE98BA



97B081

# Square

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



CE98BA



C9A17A



7AB496



71AFD6

# Rectangle

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



CE98BA



D99791



7AB496



5CB5BF



# Sweetspot

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



CE98BA



FFEBF7



AC98CE



80737B



000000



808080



# Same Dimension

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



CE98BA



FFB0E2



CE989F



665C62



A60068



260018



# Inverse Universe

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



CE98BA



FFB0E2



98CEC7



665C62



A60068

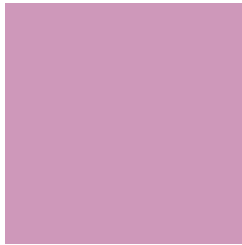


260018



# Previews

## White Background



This preview shows how the Hex color CE98BA looks on a white background.

## Color Contrast Check

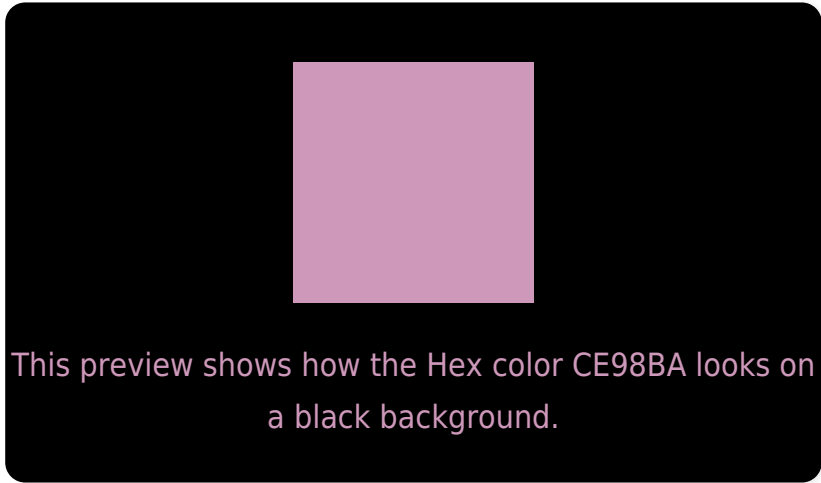
Large Text (above 18pt) WCAG AA × Fail

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

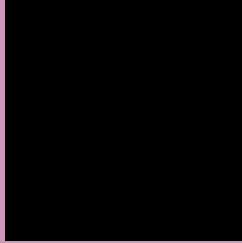
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE98BA Background



This preview shows how black text looks on a background with the Hex color CE98BA.

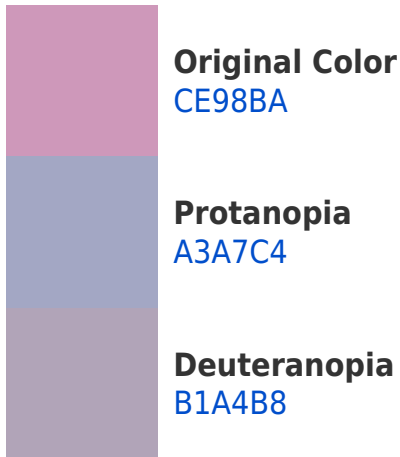


This preview shows how white text looks on a background with the Hex color CE98BA.

# 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**  
CC9BA7

# Trichromacy



**Original Color**  
CE98BA

**Protanomaly**  
B3A2C0

**Deuteranomaly**  
BCA0B9

**Tritanomaly**  
CD9AAE

# Monochromacy



**Original Color**  
CE98BA

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B8A5B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE98BA 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 #CE98BA looks like.

```
.text, #text, p{  
    color:#CE98BA  
}
```

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 #CE98BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE98BA }  
}
```

## Border

The CSS property to change the border of an element to Hex CE98BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

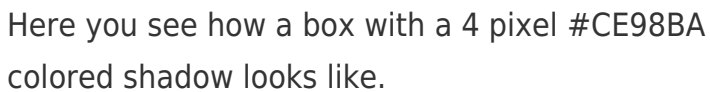
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CE98BA }  
}
```

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

```
.border{ border-color:#CE98BA }
```

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



Here you see how a box with a 4 pixel `#CE98BA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE98BA; -webkit-box-shadow:4px 4px  
4px 4px #CE98BA; box-shadow:4px 4px 4px  
4px #CE98BA }
```

# Background

The CSS property to change the background color of an element to Hex CE98BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE98BA }
```

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

```
.background{ background-color:#CE98BA }
```

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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