

# Converting Colors

Hex(CE85AF)

Have a look what the booklet for  
Hex(CE85AF) contains.

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# **Color**

**Hex(CE85AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE85AF
RGB	206, 133, 175
RGB Percent	81%, 52%, 69%
CMY	0.1922, 0.4784, 0.3137
CMYK	0.00, 0.35, 0.15, 0.19
HSL	325°, 43%, 66%
HSV	325°, 35%, 81%
XYZ	41.5790, 32.9920, 44.7341
YIQ	159.6150, 30.0260, 28.5380

# Conversions

## Conversions Part 2

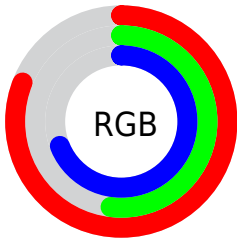
Format	Color
R <sub>Y</sub> B	206, 133, 175
Decimal	13534639
CIE Lab	64.15, 34.07, -10.48
CIE LCh	64, 35.645, 342.895
Yxy	32.9920, 0.3485, 0.2765
Android (android.graphics.Color)	4291724719 (0xFFCE85AF)
YUV	159.6150, 7.5848, 40.6796
Hunter-Lab	57.4387, 28.6958, -5.9688

# Details

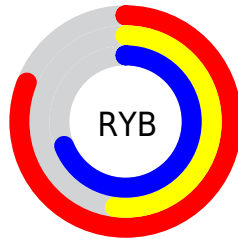
The Hex color **CE85AF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85CEA4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBBE7**, and **96527B** is the 20% darker color. If you saturate the color by 10%, you get **CE70A6**, and if you desaturate by 10%, it is **CE9AB8**.

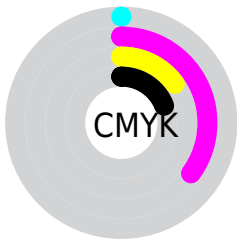
# Distribution



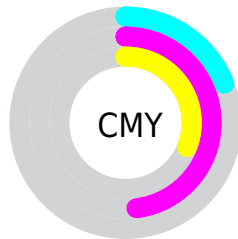
- Red (81%)
- Green (52%)
- Blue (69%)



- Red (81%)
- Yellow (52%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (48%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE85AF 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 CE85AF by changing the saturation by 10% instead.



 CE85AF

 CE85AF

FFFFFF

 B26B94

 FFBBE7

 96527B

 FFD7FF

 7C3962

 FFF4FF

 62214A

 480633

 31001E

 140001

 000000

 CE85AF

 CE85AF

 CE70A6

 CE9AB8

 CE5C9E

 CEAEC0

 CE4795

 CEC3C9

 CE338C

 CED7D2

 CE1E83

 CEECDB

 CE097B

 CEFFE3

 CE0077

 CEFFEC

 CEFFF5

 CEFFFE

# Harmonies

## Analogous

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



B18ECA



CE85AF



DA838F

# Triad

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



CE85AF



A39E5D



0FAAC6

# Complementary

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



CE85AF



85CEA4

# 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.



27ADA9



CE85AF



80A66C

# Square

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



CE85AF



C0935F



57AB88



4CA4D8

# Rectangle

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



CE85AF



D7867B



57AB88



06ABB8



# Sweetspot

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



CE85AF



FFE3F3



A385CE



806F78



000000



808080



# Same Dimension

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



CE85AF



FF91D0



CE858B



665C62



A6005F



260016



# Inverse Universe

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



CE85AF



FF91D0



85CEC8



665C62



A6005F



260016



# Previews

## White Background



This preview shows how the Hex color CE85AF looks on a white background.

## Color Contrast Check

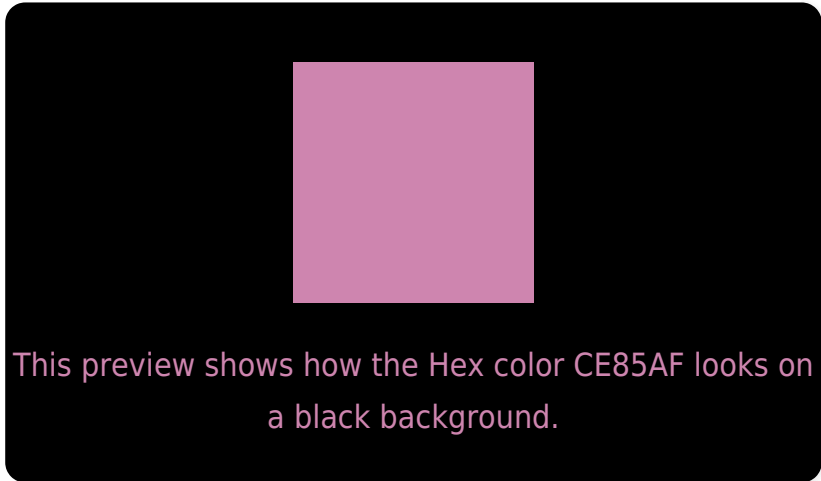
Large Text (above 18pt) WCAG AA × Fail

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

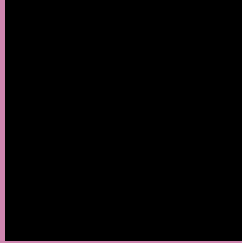
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE85AF Background



This preview shows how black text looks on a background with the Hex color CE85AF.



This preview shows how white text looks on a background with the Hex color CE85AF.

# 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



**Original Color**  
CE85AF

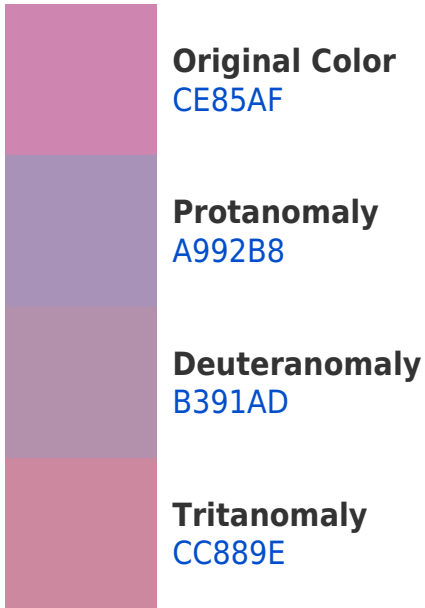
**Protanopia**  
949ABD

**Deuteranopia**  
A498AC

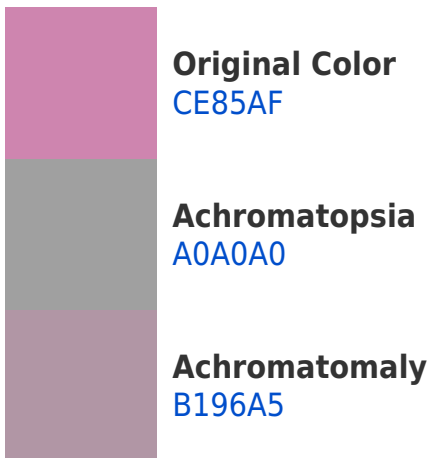


**Tritanopia**  
CB8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE85AF 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 #CE85AF looks like.

```
.text, #text, p{  
    color:#CE85AF  
}
```

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 #CE85AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE85AF
}
```

## Border

The CSS property to change the border of an element to Hex CE85AF 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
#CE85AF }
```

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

```
.border{ border-color:#CE85AF }
```

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

Here you see how a box with a 4 pixel #CE85AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE85AF; -webkit-box-shadow:4px 4px  
4px 4px #CE85AF; box-shadow:4px 4px 4px  
4px #CE85AF }
```

# Background

The CSS property to change the background color of an element to Hex CE85AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE85AF }
```

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

```
.background{ background-color:#CE85AF }
```

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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