

# Converting Colors

Hex(CEBFB4)

Have a look what the booklet for  
Hex(CEBFB4) contains.

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# **Color**

**Hex(CEBFB4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEBFB4
RGB	206, 191, 180
RGB Percent	81%, 75%, 71%
CMY	0.1922, 0.2510, 0.2941
CMYK	0.00, 0.07, 0.13, 0.19
HSL	25°, 21%, 76%
HSV	25°, 13%, 81%
XYZ	52.3226, 53.6787, 50.7833
YIQ	194.2310, 12.4710, -0.2410

# Conversions

## Conversions Part 2

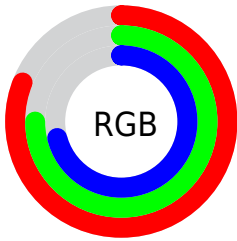
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 199, 180
Decimal	13549492
CIE <sub>Lab</sub>	78.27, 3.43, 7.44
CIE <sub>LCh</sub>	78, 8.192, 65.253
Yxy	53.6787, 0.3337, 0.3424
Android (android.graphics.Color)	4291739572 (0xFFCEBFB4)
YUV	194.2310, -7.0159, 10.3214
Hunter-Lab	73.2658, -0.7396, 10.1898

# Details

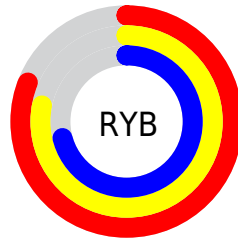
The Hex color **CEBFB4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B4C3CE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF7EC**, and **988A7F** is the 20% darker color. If you saturate the color by 10%, you get **CEB39F**, and if you desaturate by 10%, it is **CECBC9**.

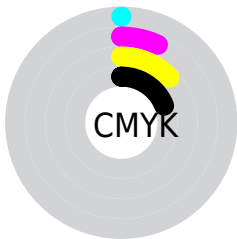
# Distribution



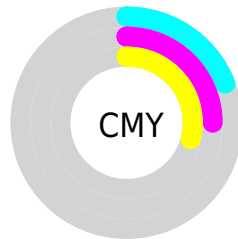
- Red (81%)
- Green (75%)
- Blue (71%)



- Red (81%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEBFB4 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 CEBFB4 by changing the saturation by 10% instead.



 CEBFB4

 CEBFB4

FFFFFF

 B2A499

 FFF7EC

 988A7F

 7E7066

 64584E

 4C4137

 352B22

 20160C

 000000

 CEBFB4

 CEBFB4

 CEB39F

 CECBC9

 CEA78B

 CED7DD

 CE9B76

 CEE3F2

 CE8F62

 CEEFFF

 CE844D

 CEFAFF

 CE7838

 CEFFFF

 CE6C24

 CE600F

 CE5700

# Harmonies

## Analogous

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



D2BDB9



CEBFB4



C7C1B3

# Triad

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



CEBFB4



B0C6C3



C5BFCE

# Complementary

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



CEBFB4



B4C3CE

# 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.



BBC2D1



CEBFB4



AFC6CA

# Square

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



CEBFB4



B6C6BB



B3C4CF



CDBDC8

# Rectangle

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



CEBFB4



C1C3B4



B3C4CF



C2C0CF



# Sweetspot

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



CEBFB4



FFF9F5



CEB4C3



807C79



000000



808080

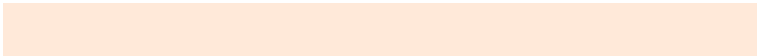


# Same Dimension

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



CEBFB4



FFE9D9



CECCB4



66605C



A64600



261000

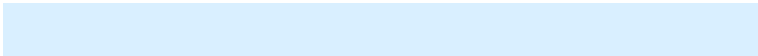


# Inverse Universe

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



B4C3CE



D9EFFF



B4B6CE



5C6266



0060A6



001626



# Previews

## White Background



This preview shows how the Hex color CEBFB4 looks on a white background.

## Color Contrast Check

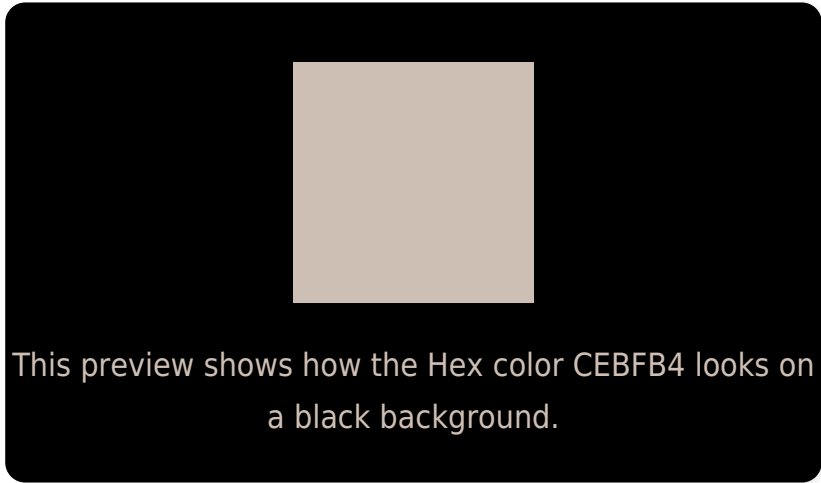
Large Text (above 18pt) WCAG AA × Fail

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

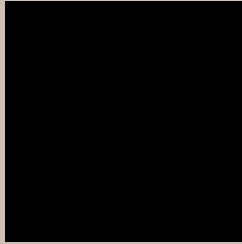
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEBFB4 Background



This preview shows how black text looks on a background with the Hex color CEBFB4.

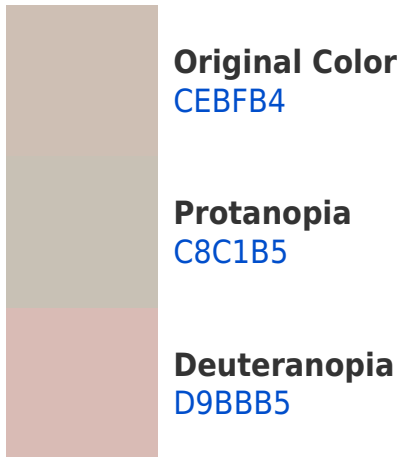


This preview shows how white text looks on a background with the Hex color CEBFB4.

# 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





# Trichromacy



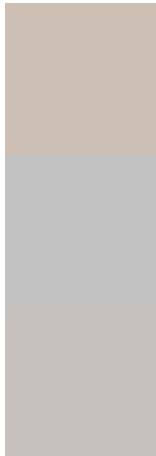
**Original Color**  
CEBFB4

**Protanomaly**  
CAC0B5

**Deuteranomaly**  
D5BCB5

**Tritanomaly**  
D0BDC2

# Monochromacy



**Original Color**  
CEBFB4

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C6C1BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEBFB4 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 #CEBFB4 looks like.

```
.text, #text, p{  
    color:#CEBFB4  
}
```

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 #CEBFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEBFB4 }  
}
```

## Border

The CSS property to change the border of an element to Hex CEBFB4 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 #CEBFB4 }  
}
```

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

```
.border{ border-color:#CEBFB4 }
```

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

Here you see how a box with a 4 pixel #CEBFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEBFB4; -webkit-box-shadow:4px 4px  
4px 4px #CEBFB4; box-shadow:4px 4px 4px  
4px #CEBFB4 }
```

# Background

The CSS property to change the background color of an element to Hex CEBFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEBFB4 }
```

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

```
.background{ background-color:#CEBFB4 }
```

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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