

# Converting Colors

Hex(CFE4BE)

Have a look what the booklet for  
Hex(CFE4BE) contains.

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# Color

**Hex(CFE4BE)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | CFE4BE                      |
| RGB           | 207, 228, 190               |
| RGB Percent   | 81%, 89%, 75%               |
| CMY           | 0.1882, 0.1059, 0.2549      |
| CMYK          | 0.09, 0.00, 0.17, 0.11      |
| HSL           | 93°, 41%, 82%               |
| HSV           | 93°, 17%, 89%               |
| XYZ           | 62.7698, 72.4699, 59.3950   |
| YIQ           | 217.3890, -0.3180, -16.2700 |

# Conversions

## Conversions Part 2

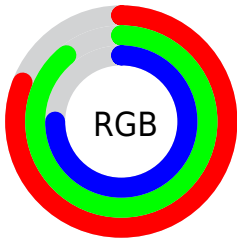
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 190, 228, 211                  |
| Decimal                             | 13624510                       |
| CIELab                              | 88.19, -13.69, 16.23           |
| CIElCh                              | 88, 21.235, 130.157            |
| Yxy                                 | 72.4699, 0.3225,<br>0.3723     |
| Android<br>(android.graphics.Color) | 4291814590<br>(0xFFCFE4BE)     |
| YUV                                 | 217.3890, -13.5028,<br>-9.1112 |
| Hunter-Lab                          | 85.1293, -17.3598,<br>18.2237  |

# Details

The Hex color **CFE4BE** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **D3BEE4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFF6**, and **98AD89** is the 20% darker color. If you saturate the color by 10%, you get **C2E4A7**, and if you desaturate by 10%, it is **DCE4D5**.

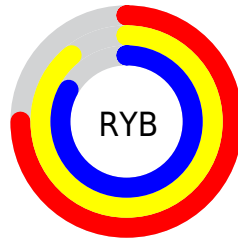
# Distribution



Red (81%)

Green (89%)

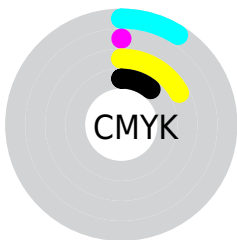
Blue (75%)



Red (75%)

Yellow (89%)

Blue (83%)

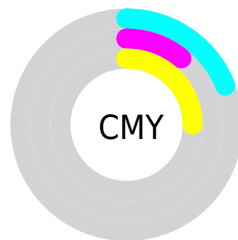


Cyan (9%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE4BE 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 CFE4BE by changing the saturation by 10% instead.



 CFE4BE

FFFFFF

 FFFFF6

 CFE4BE

 B3C8A3

 98AD89

 7E926F

 657857

 4D5F3F

 364829

 203114

 0A1C00

 000000

 CFE4BE

 CFE4BE

 C2E4A7

 DCE4D5

 B6E490

 E8E4EC

 A9E47A

 F5E4FF

 9DE463

 FFE4FF

 90E44C

 83E435

 77E41E

 6AE408

 66E400

# Harmonies

## Analogous

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



E6DEB6



CFE4BE



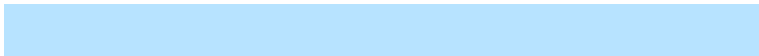
B9E8CF

# Triad

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



CFE4BE



B7E3FF



FFCFD7

# Complementary

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



CFE4BE



D3BEE4

# 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.



FED1EB



CFE4BE



CFDDFF

# Square

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



CFE4BE



A9E7F7



E9D6FC



FFD2C4

# Rectangle

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



CFE4BE



AEE9DD



E9D6FC



FFCFDE



# Sweetspot

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



CFE4BE



F8FFF2



E4D3BE



7B8078



000000



808080

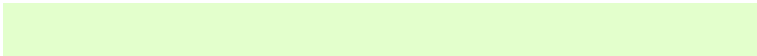


# Same Dimension

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



CFE4BE



E3FFCC



BEE4C0



6C7367



50B300



173300



# Inverse Universe

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



D3BEE4



E8CCFF



E4BEE2



6E6773



6300B3

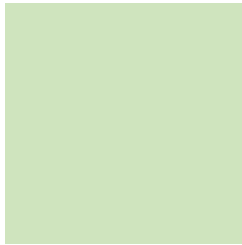


1C0033



# Previews

## White Background



This preview shows how the Hex color CFE4BE 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 CFE4BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

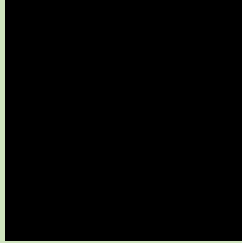
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

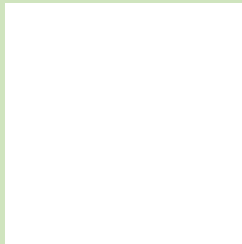
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFE4BE Background



This preview shows how black text looks on a background with the Hex color CFE4BE.

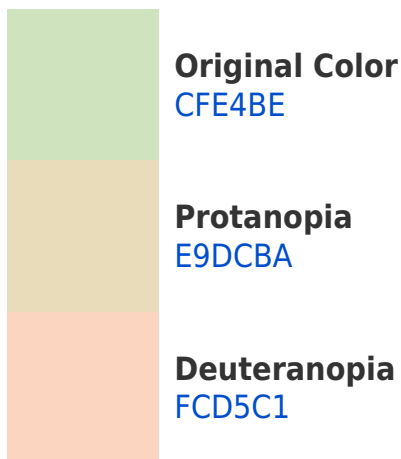


This preview shows how white text looks on a background with the Hex color CFE4BE.

# 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](#).

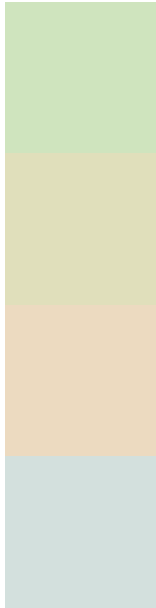
## Dichromacy





**Tritanopia**  
D6DDEF

# Trichromacy



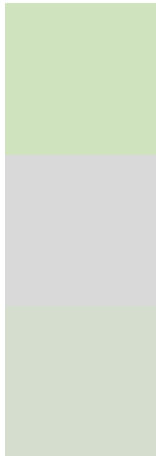
**Original Color**  
CFE4BE

**Protanomaly**  
E0DFBB

**Deuteranomaly**  
ECDAC0

**Tritanomaly**  
D3E0DD

# Monochromacy



**Original Color**  
CFE4BE

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D5DDCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE4BE 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 #CFE4BE looks like.

```
.text, #text, p{  
    color:#CFE4BE  
}
```

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 #CFE4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE4BE
}
```

## Border

The CSS property to change the border of an element to Hex CFE4BE 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
#CFE4BE }
```

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

```
.border{ border-color:#CFE4BE }
```

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

Here you see how a box with a 4 pixel #CFE4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE4BE; -webkit-box-shadow:4px 4px  
4px 4px #CFE4BE; box-shadow:4px 4px 4px  
4px #CFE4BE }
```

# Background

The CSS property to change the background color of an element to Hex CFE4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE4BE }
```

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

```
.background{ background-color:#CFE4BE }
```

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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