

# Converting Colors

Hex(CFE5B3)

Have a look what the booklet for  
Hex(CFE5B3) contains.

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# **Color**

**Hex(CFE5B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFE5B3
RGB	207, 229, 179
RGB Percent	81%, 90%, 70%
CMY	0.1882, 0.1020, 0.2980
CMYK	0.10, 0.00, 0.22, 0.10
HSL	86°, 49%, 80%
HSV	86°, 22%, 90%
XYZ	61.8881, 72.5587, 53.3912
YIQ	216.7220, 2.9380, -20.2140

# Conversions

## Conversions Part 2

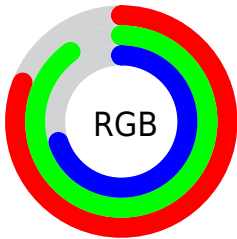
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 229, 201
Decimal	13624755
CIELab	88.24, -15.93, 22.01
CIELCh	88, 27.164, 125.893
Yxy	72.5587, 0.3295, 0.3863
Android (android.graphics.Color)	4291814835 (0xFFCFE5B3)
YUV	216.7220, -18.5969, -8.5262
Hunter-Lab	85.1814, -19.3791, 22.4643

# Details

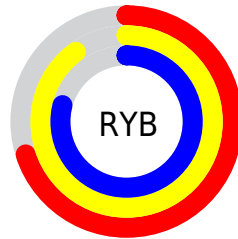
The Hex color **CFE5B3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C9B3E5**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFEB**, and **98AE7E** is the 20% darker color. If you saturate the color by 10%, you get **C5E59C**, and if you desaturate by 10%, it is **D9E5CA**.

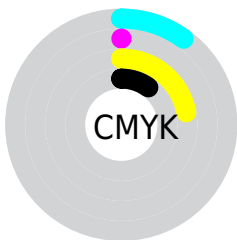
# Distribution



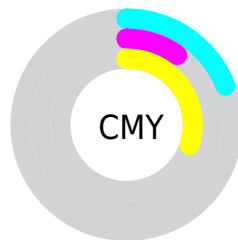
- Red (81%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE5B3 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 CFE5B3 by changing the saturation by 10% instead.



 CFE5B3

FFFFFF

 FFFFEB

 CFE5B3

 B3C998

 98AE7E

 7E9365

 65794D

 4C6035

 35481F

 1F3209

 051D00

 000000

 CFE5B3

 CFE5B3

 C5E59C

 D9E5CA

 BBE585

 E3E5E1

 B1E56E

 EDE5F8

 A7E557

 F7E5FF

 9DE540

 FFE5FF

 93E52A

 88E513

 80E500

# Harmonies

## Analogous

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



ECDDAA



CFE5B3



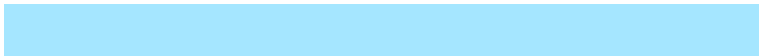
B2EAC7

# Triad

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



CFE5B3



A5E6FF



FFCBD9

# Complementary

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



CFE5B3



C9B3E5

# Split Complementary

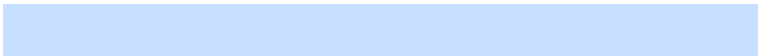
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEF3



CFE5B3



C6DEFF

# Square

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



CFE5B3



95EBFB



E8D5FF



FFCEC0

# Rectangle

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



CFE5B3



A1ECD9



E8D5FF



FFCBE2



# Sweetspot

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



CFE5B3



F7FFED



E5C9B3



7B8075



000000



808080

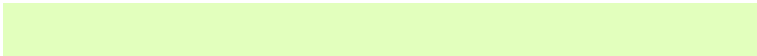


# Same Dimension

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



CFE5B3



E2FFBD



B6E5B3



6E7367



64B300



1D3300



# Inverse Universe

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



C9B3E5



DABDFF



E2B3E5



6C6773



4F00B3

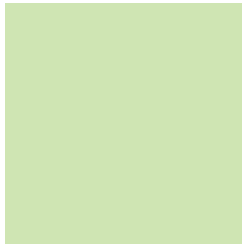


160033



# Previews

## White Background



This preview shows how the Hex color CFE5B3 looks on a white background.

## Color Contrast Check

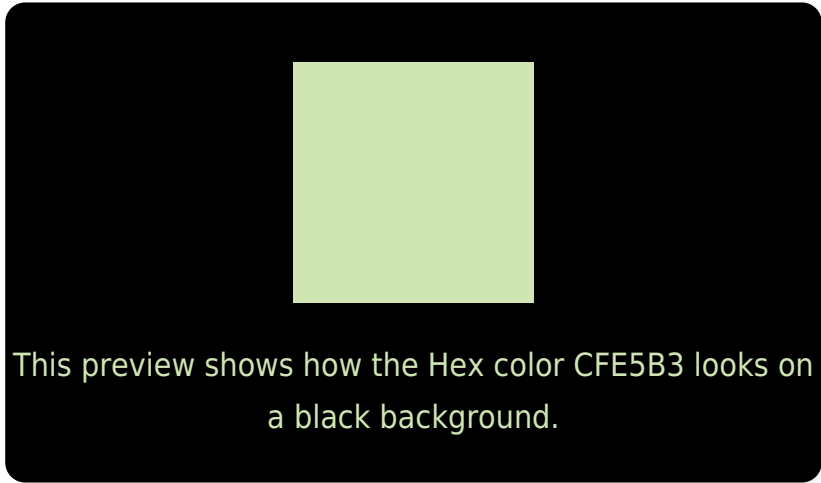
Large Text (above 18pt) WCAG AA × Fail

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

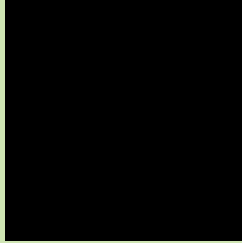
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

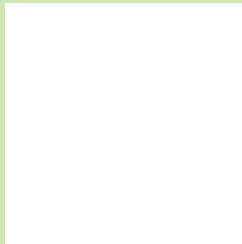
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFE5B3 Background



This preview shows how black text looks on a background with the Hex color CFE5B3.

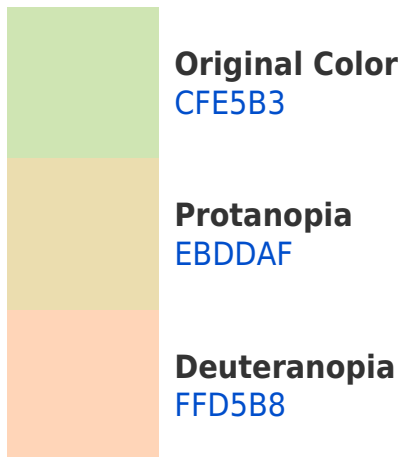


This preview shows how white text looks on a background with the Hex color CFE5B3.

# 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

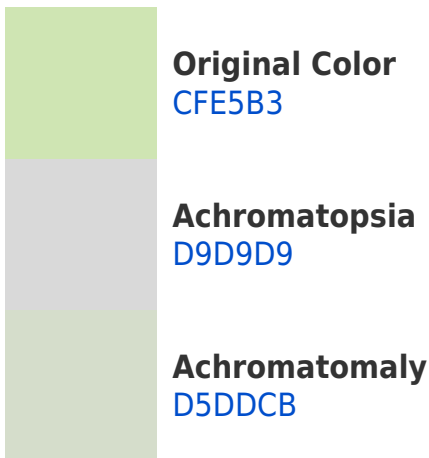




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE5B3 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 #CFE5B3 looks like.

```
.text, #text, p{  
    color:#CFE5B3  
}
```

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 #CFE5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE5B3  
}
```

## Border

The CSS property to change the border of an element to Hex CFE5B3 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  
#CFE5B3 }
```

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

```
.border{ border-color:#CFE5B3 }
```

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

Here you see how a box with a 4 pixel #CFE5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE5B3; -webkit-box-shadow:4px 4px  
4px 4px #CFE5B3; box-shadow:4px 4px 4px  
4px #CFE5B3 }
```

# Background

The CSS property to change the background color of an element to Hex CFE5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE5B3 }
```

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

```
.background{ background-color:#CFE5B3 }
```

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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