

# Converting Colors

Hex(CFE5C3)

Have a look what the booklet for  
Hex(CFE5C3) contains.

<b>Hex(CFE5C3)</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(CFE5C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFE5C3
RGB	207, 229, 195
RGB Percent	81%, 90%, 76%
CMY	0.1882, 0.1020, 0.2353
CMYK	0.10, 0.00, 0.15, 0.10
HSL	99°, 40%, 83%
HSV	99°, 15%, 90%
XYZ	63.6018, 73.2442, 62.4151
YIQ	218.5460, -2.1980, -15.2380

# Conversions

## Conversions Part 2

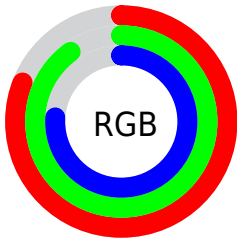
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 229, 217
Decimal	13624771
CIELab	88.56, -13.37, 14.14
CIELCh	89, 19.464, 133.396
Yxy	73.2442, 0.3192, 0.3676
Android (android.graphics.Color)	4291814851 (0xFFCFE5C3)
YUV	218.5460, -11.6082, -10.1258
Hunter-Lab	85.5828, -17.1157, 16.6680

# Details

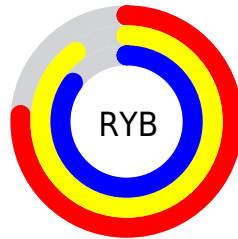
The Hex color **CFE5C3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **D9C3E5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFC**, and **99AE8D** is the 20% darker color. If you saturate the color by 10%, you get **C0E5AC**, and if you desaturate by 10%, it is **DEE5DA**.

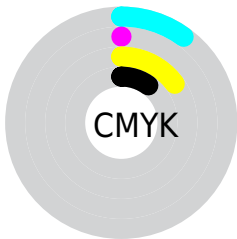
# Distribution



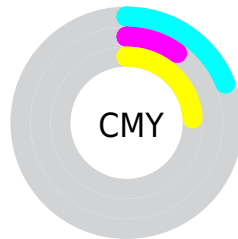
- Red (81%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE5C3 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 CFE5C3 by changing the saturation by 10% instead.



 CFE5C3

 CFE5C3

FFFFFF

 B3C9A8

FFFFFFC

 99AE8D

 7E9374

 65795B

 4D6043

 36482D

 203218

 0C1D00

 000000

 CFE5C3

 CFE5C3

 C0E5AC

 DEE5DA

 B1E595

 EDE5F1

 A3E57E

 FBE5FF

 94E567

 FFE5FF

 85E550

 76E53A

 67E523

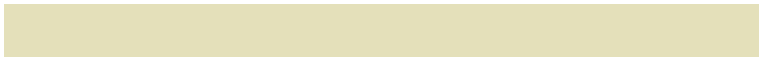
 58E50C

 51E500

# Harmonies

## Analogous

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



E4E0BA



CFE5C3



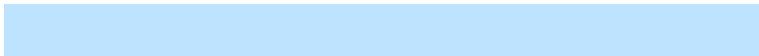
BBE8D3

# Triad

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



CFE5C3



BEE3FF



FFD2D6

# Complementary

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



CFE5C3



D9C3E5

# 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.



FDD3E9



CFE5C3



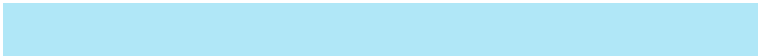
D5DDFF

# Square

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



CFE5C3



B0E7F7



ECD7F9



FFD4C6

# Rectangle

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



CFE5C3



B2E9E0



ECD7F9



FFD1DD



# Sweetspot

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



CFE5C3



F8FFF5



E5D9C3



7B8079



000000



808080

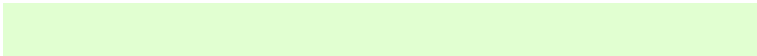


# Same Dimension

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



CFE5C3



E1FFD1



C3E5C8



6B7367



3FB300



123300



# Inverse Universe

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



D9C3E5



EFD1FF



E5C3E0



6F6773



7400B3

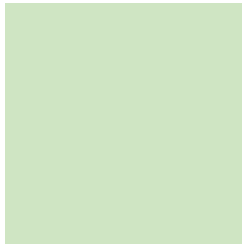


210033



# Previews

## White Background



This preview shows how the Hex color CFE5C3 looks on a white background.

## Color Contrast Check

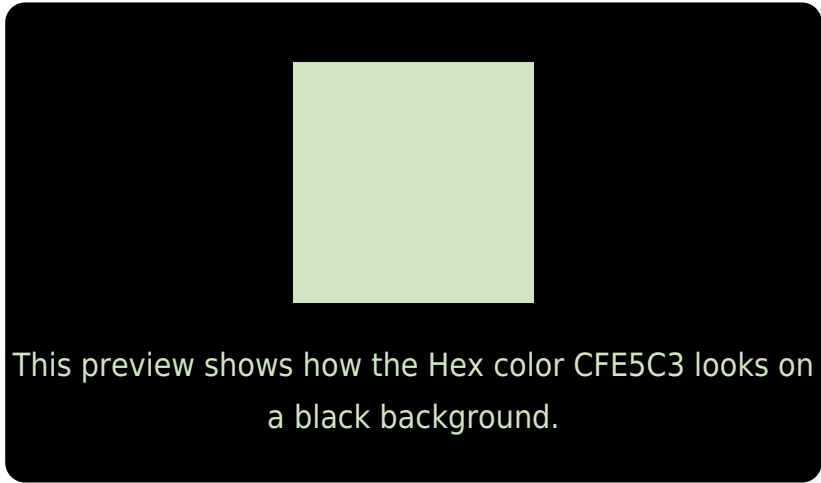
Large Text (above 18pt) WCAG AA × Fail

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

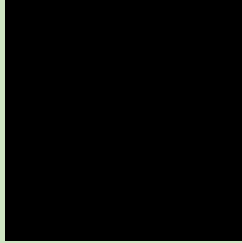
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

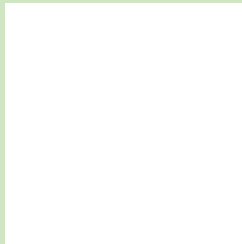
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFE5C3 Background



This preview shows how black text looks on a background with the Hex color CFE5C3.

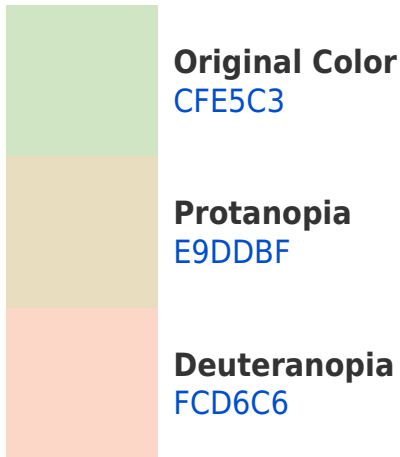


This preview shows how white text looks on a background with the Hex color CFE5C3.

# 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](#).

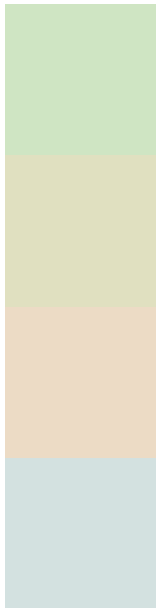
## Dichromacy





**Tritanopia**  
D6DFF0

# Trichromacy



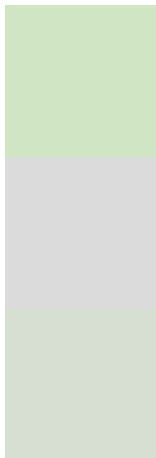
**Original Color**  
CFE5C3

**Protanomaly**  
E0E0C0

**Deuteranomaly**  
ECDBC5

**Tritanomaly**  
D3E1E0

# Monochromacy



**Original Color**  
CFE5C3

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D7DFD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE5C3 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 #CFE5C3 looks like.

```
.text, #text, p{  
    color:#CFE5C3  
}
```

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 #CFE5C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE5C3
}
```

## Border

The CSS property to change the border of an element to Hex CFE5C3 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
#CFE5C3 }
```

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

```
.border{ border-color:#CFE5C3 }
```

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

Here you see how a box with a 4 pixel #CFE5C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE5C3; -webkit-box-shadow:4px 4px  
4px 4px #CFE5C3; box-shadow:4px 4px 4px  
4px #CFE5C3 }
```

# Background

The CSS property to change the background color of an element to Hex CFE5C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE5C3 }
```

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

```
.background{ background-color:#CFE5C3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor