

# Converting Colors

Hex(CFE59C)

Have a look what the booklet for  
Hex(CFE59C) contains.

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# **Color**

**Hex(CFE59C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFE59C
RGB	207, 229, 156
RGB Percent	81%, 90%, 61%
CMY	0.1882, 0.1020, 0.3882
CMYK	0.10, 0.00, 0.32, 0.10
HSL	78°, 58%, 75%
HSV	78°, 32%, 90%
XYZ	59.7522, 71.7043, 42.1435
YIQ	214.1000, 10.3210, -27.3670

# Conversions

## Conversions Part 2

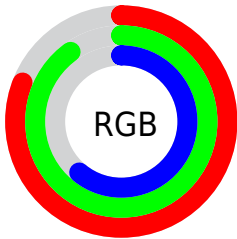
Format	Color
<a href="#">RYB</a>	<a href="#">156, 229, 178</a>
Decimal	<a href="#">13624732</a>
CIELab	<a href="#">87.83, -19.20, 33.26</a>
CIELCh	<a href="#">88, 38.401, 119.998</a>
Yxy	<a href="#">71.7043, 0.3442, 0.4130</a>
Android (android.graphics.Color)	<a href="#">4291814812</a> ( <a href="#">0xFFCFE59C</a> )
YUV	<a href="#">214.1000, -28.6433, -6.2267</a>
Hunter-Lab	<a href="#">84.6784, -22.2311, 29.7669</a>

# Details

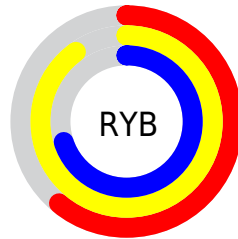
The Hex color **CFE59C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B29CE5**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFD3**, and **98AE68** is the 20% darker color. If you saturate the color by 10%, you get **C8E585**, and if you desaturate by 10%, it is **D6E5B3**.

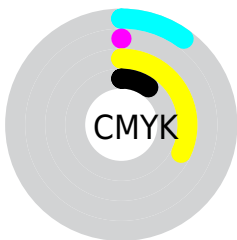
# Distribution



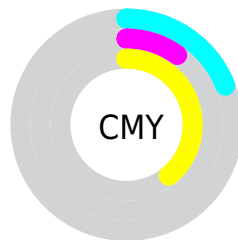
- Red (81%)
- Green (90%)
- Blue (61%)



- Red (61%)
- Yellow (90%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE59C 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 CFE59C by changing the saturation by 10% instead.



 CFE59C

 CFE59C

FFFFFF

 B3C982

 FFFFD3

 98AE68

 FFFFF0

 7D934F


 647937

 4B6020

 324806

 1C3200

 001E00

 000000

 CFE59C

 CFE59C

 C8E585

 D6E5B3

 C1E56E

 DDE5CA

 BAE557

 E4E5E1

 B3E540

 EBE5F8

 ACE52A

 F2E5FF

 A6E513

 F8E5FF

 A0E500

 FFE5FF

# Harmonies

## Analogous

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



F6DA93



CFE59C



A4EDB7

# Triad

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



CFE59C



77EAFF



FFC1DE

# Complementary

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



CFE59C



B29CE5

# Split Complementary

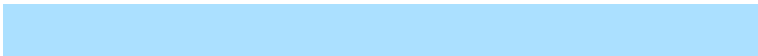
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7FF



CFE59C



ABE0FF

# Square

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



CFE59C



62EFFF



E1D3FF



FFC4B9

# Rectangle

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



CFE59C



88F0CE



E1D3FF



FFC2EA

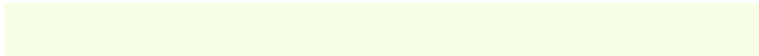


# Sweetspot

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



CFE59C



F7FFE6



E5B29C



7B8070



000000



808080

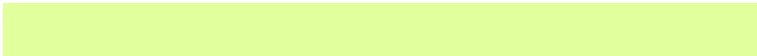


# Same Dimension

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



CFE59C



E2FF9E



ABE59C



6F7367



7DB300



243300



# Inverse Universe

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



B29CE5



BB9EFF



D69CE5



6B6773



3600B3

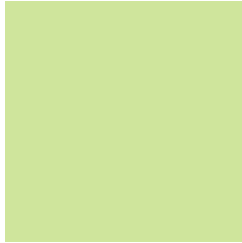


0F0033



# Previews

## White Background



This preview shows how the Hex color CFE59C 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 CFE59C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

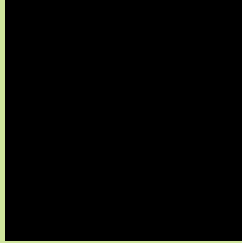
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFE59C Background



This preview shows how black text looks on a background with the Hex color CFE59C.

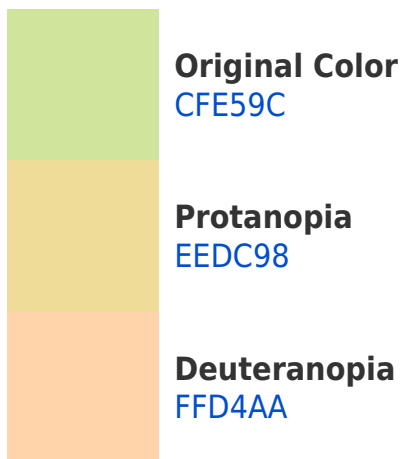


This preview shows how white text looks on a background with the Hex color CFE59C.

# Color Blindness Simulation

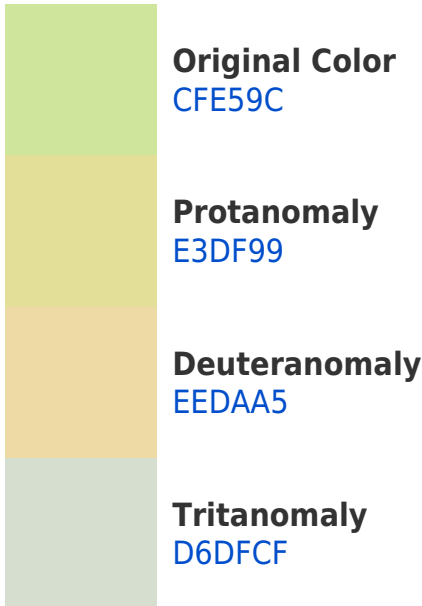
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE59C 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 #CFE59C looks like.

```
.text, #text, p{  
    color:#CFE59C  
}
```

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 #CFE59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE59C
}
```

## Border

The CSS property to change the border of an element to Hex CFE59C 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
#CFE59C }
```

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

```
.border{ border-color:#CFE59C }
```

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

Here you see how a box with a 4 pixel #CFE59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE59C; -webkit-box-shadow:4px 4px  
4px 4px #CFE59C; box-shadow:4px 4px 4px  
4px #CFE59C }
```

# Background

The CSS property to change the background color of an element to Hex CFE59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE59C }
```

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

```
.background{ background-color:#CFE59C }
```

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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