

# Converting Colors

Hex(CCE58B)

Have a look what the booklet for  
Hex(CCE58B) contains.

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# **Color**

**Hex(CCE58B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE58B
RGB	204, 229, 139
RGB Percent	80%, 90%, 55%
CMY	0.2000, 0.1020, 0.4549
CMYK	0.11, 0.00, 0.39, 0.10
HSL	77°, 63%, 72%
HSV	77°, 39%, 90%
XYZ	57.5814, 70.7401, 35.0454
YIQ	211.2650, 13.9900, -33.2900

# Conversions

## Conversions Part 2

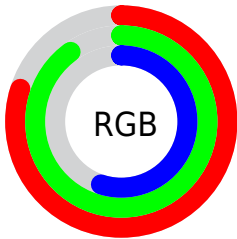
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 229, 164
Decimal	13428107
CIELab	87.36, -22.44, 41.14
CIElCh	87, 46.861, 118.605
Yxy	70.7401, 0.3525, 0.4330
Android (android.graphics.Color)	4291618187 (0xFFCCE58B)
YUV	211.2650, -35.6266, -6.3714
Hunter-Lab	84.1071, -24.9829, 34.1702

# Details

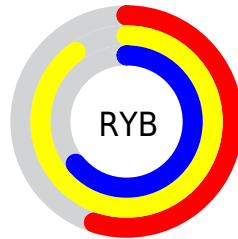
The Hex color **CCE58B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A48BE5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFC2**, and **94AD57** is the 20% darker color. If you saturate the color by 10%, you get **C6E574**, and if you desaturate by 10%, it is **D2E5A2**.

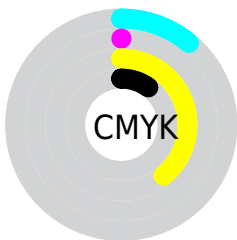
# Distribution



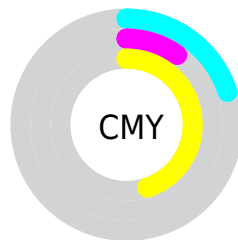
- Red (80%)
- Green (90%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE58B 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 CCE58B by changing the saturation by 10% instead.



 CCE58B

 CCE58B

FFFFFF

 B0C971

 FFFFC2

 94AD57

 FFFFDE

 7A933E

 FFFFFB

 607925

 466009

 2E4800

 153200

 001E00

 000000

 CCE58B

 CCE58B

 C6E574

 D2E5A2

 BFE55D

 D9E5B9

 B9E546

 DFE5D0

 B3E52F

 E5E5E7

 ACE518

 ECE5FE

 A6E502

 F2E5FF

 A5E500

 F9E5FF

 FFE5FF

# Harmonies

## Analogous

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



FAD881



CCE58B



97EEAB

# Triad

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



CCE58B



3EECFE



FFB8DF

# Complementary

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



CCE58B



A48BE5

# 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.



FFC1FF



CCE58B



95E0FF

# Square

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



CCE58B



00F2FF



DDD0FF



FFBBB3

# Rectangle

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



CCE58B



6EF2C8



DDD0FF



FFBAEE



# Sweetspot

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



CCE58B



F7FFE0



E5A38B



7B806E



000000



808080



# Same Dimension

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



CCE58B



DEFF87



A0E58B



707367



81B300



253300



# Inverse Universe

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



A48BE5



A887FF



D08BE5



6A6773



3200B3

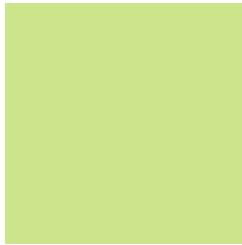


0E0033



# Previews

## White Background



This preview shows how the Hex color CCE58B looks on a white background.

## Color Contrast Check

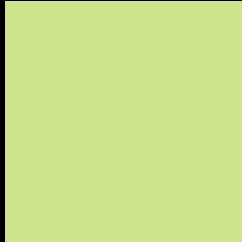
Large Text (above 18pt) WCAG AA × Fail

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 CCE58B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

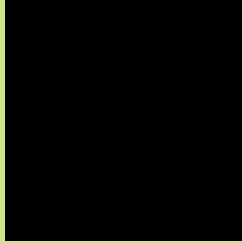
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCE58B Background



This preview shows how black text looks on a background with the Hex color CCE58B.

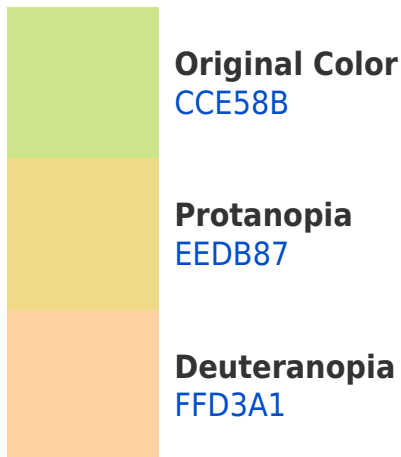


This preview shows how white text looks on a background with the Hex color CCE58B.

# 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**  
D8DAEB

# Trichromacy



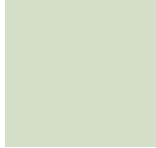
**Original Color**  
CCE58B



**Protanomaly**  
E2DF88



**Deuteranomaly**  
ECDA99



**Tritanomaly**  
D4DEC8

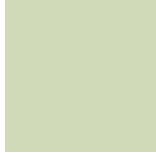
# Monochromacy



**Original Color**  
CCE58B



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
D0DAB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE58B 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 #CCE58B looks like.

```
.text, #text, p{  
    color:#CCE58B  
}
```

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 #CCE58B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE58B
}
```

## Border

The CSS property to change the border of an element to Hex CCE58B 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
#CCE58B }
```

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

```
.border{ border-color:#CCE58B }
```

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

Here you see how a box with a 4 pixel #CCE58B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE58B; -webkit-box-shadow:4px 4px  
4px 4px #CCE58B; box-shadow:4px 4px 4px  
4px #CCE58B }
```

# Background

The CSS property to change the background color of an element to Hex CCE58B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE58B }
```

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

```
.background{ background-color:#CCE58B }
```

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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