

Converting Colors

Hex(C8CE50)

Have a look what the booklet for
Hex(C8CE50) contains.

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Color

Hex(C8CE50)

Conversions

Conversions Part 1

Format	Color
Hex	C8CE50
RGB	200, 206, 80
RGB Percent	78%, 81%, 31%
CMY	0.2157, 0.1922, 0.6863
CMYK	0.03, 0.00, 0.61, 0.19
HSL	63°, 56%, 56%
HSV	63°, 61%, 81%
XYZ	47.3387, 57.0012, 16.0967
YIQ	189.8420, 36.8700, -40.4580

Conversions

Conversions Part 2

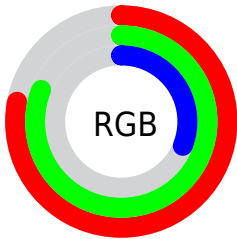
Format	Color
RYB	80, 206, 86
Decimal	13160016
CIELab	80.18, -18.23, 60.08
CIELCh	80, 62.782, 106.885
Yxy	57.0012, 0.3931, 0.4733
Android (android.graphics.Color)	4291350096 (0xFFC8CE50)
YUV	189.8420, -54.1521, 8.9086
Hunter-Lab	75.4991, -20.2022, 40.2085

Details

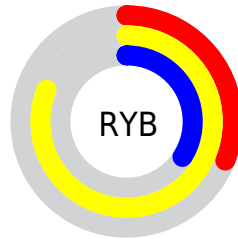
The Hex color **C8CE50** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5650CE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF86**, and **8F9814** is the 20% darker color. If you saturate the color by 10%, you get **C7CE3B**, and if you desaturate by 10%, it is **C9CE65**.

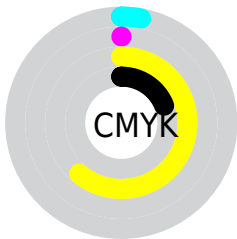
Distribution



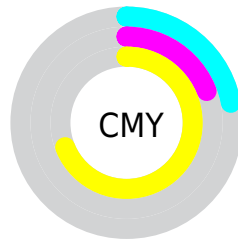
- Red (78%)
- Green (81%)
- Blue (31%)



- Red (31%)
- Yellow (81%)
- Blue (34%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8CE50 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 C8CE50 by changing the saturation by 10% instead.

 C8CE50

FFFFFF

 FFFF86

 FFFFA2

 FFFFBE

 FFFFDB

 FFFFF8

 C8CE50

 ABB334

 8F9814


 737E00

 596500

 3E4D00

 243700

 092100

 000100

 000000

 C8CE50

 C8CE50

 C7CE3B

 C9CE65

 C6CE27

 CACE79

 C5CE12

 CBCE8E

 C4CE00

 CCCEA2

 CDCEB7

 CECECC

 CFCEE0

 D0CEF5

 D1CEFF

Harmonies

Analogous

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



FEBB51



C8CE50



85DB73

Triad

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



C8CE50



00E0FF



FF97E3

Complementary

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



C8CE50



5650CE

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.



F5AAFF



C8CE50



00D5FF

Square

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



C8CE50



00E4E7



9DC2FF



FF95A8

Rectangle

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



C8CE50



41E197



9DC2FF



FF9CF6

Sweetspot

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



C8CE50



FDFFD1



CE5450



7E8063



000000



808080

Same Dimension

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



C8CE50



F6FF45



8BCE50



66665C



9EA600



242600

Inverse Universe

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



5650CE



4E45FF



9350CE



5C5C66



0800A6



020026

Previews

White Background



This preview shows how the Hex color C8CE50 looks on a white background.

Color Contrast Check

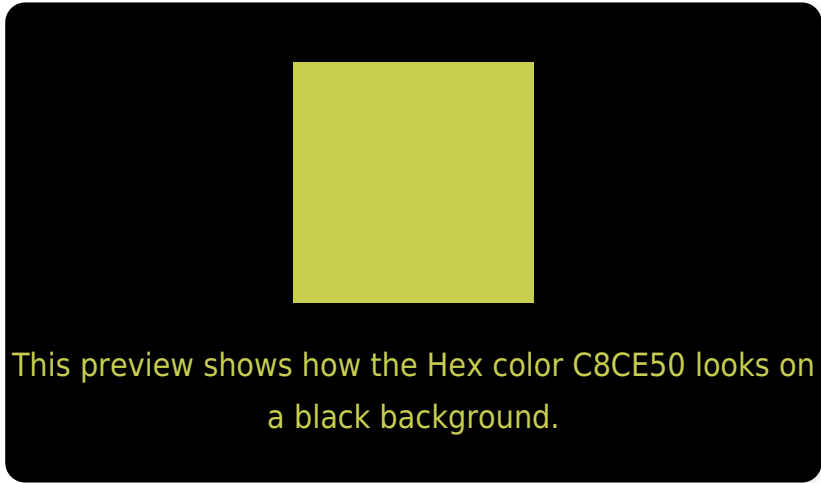
Large Text (above 18pt) WCAG AA × Fail

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 C8CE50 Background



This preview shows how black text looks on a background with the Hex color C8CE50.

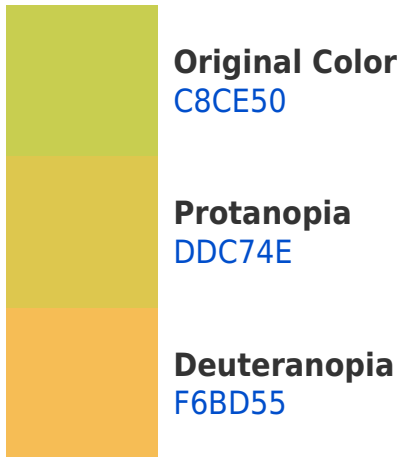


This preview shows how white text looks on a background with the Hex color C8CE50.

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](#).

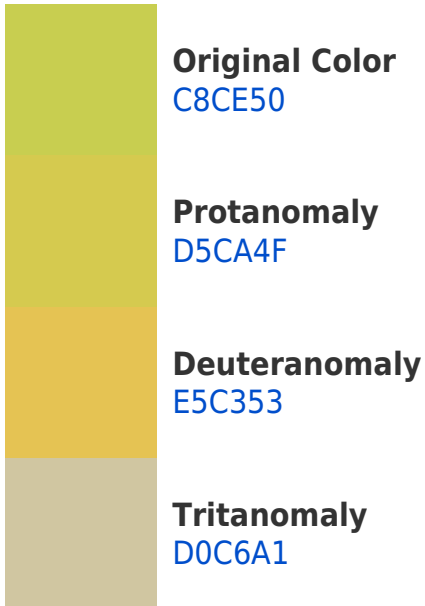
Dichromacy





Tritanopia
D5C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8CE50 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 #C8CE50 looks like.

```
.text, #text, p{  
    color:#C8CE50  
}
```

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 #C8CE50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8CE50
}
```

Border

The CSS property to change the border of an element to Hex C8CE50 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
#C8CE50 }
```

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

```
.border{ border-color:#C8CE50 }
```

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

Here you see how a box with a 4 pixel #C8CE50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8CE50; -webkit-box-shadow:4px 4px  
4px 4px #C8CE50; box-shadow:4px 4px 4px  
4px #C8CE50 }
```

Background

The CSS property to change the background color of an element to Hex C8CE50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8CE50 }
```

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

```
.background{ background-color:#C8CE50 }
```

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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