

Converting Colors

Hex(C8EA6D)

Have a look what the booklet for
Hex(C8EA6D) contains.

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Color

Hex(C8EA6D)

Conversions

Conversions Part 1

Format	Color
Hex	C8EA6D
RGB	200, 234, 109
RGB Percent	78%, 92%, 43%
CMY	0.2157, 0.0824, 0.5725
CMYK	0.15, 0.00, 0.53, 0.08
HSL	76°, 75%, 67%
HSV	76°, 53%, 92%
XYZ	56.0026, 72.2291, 25.4580
YIQ	209.5840, 19.8610, -46.0830

Conversions

Conversions Part 2

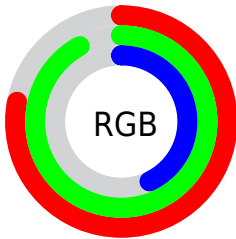
Format	Color
R_{YB}	109, 234, 143
Decimal	13167213
CIE _{Lab}	88.08, -29.44, 56.23
CIE _{LCh}	88, 63.476, 117.635
Yxy	72.2291, 0.3644, 0.4700
Android (android.graphics.Color)	4291357293 (0xFFC8EA6D)
YUV	209.5840, -49.5879, -8.4052
Hunter-Lab	84.9877, -31.1062, 41.7312

Details

The Hex color **C8EA6D** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8F6DEA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFA4**, and **90B237** is the 20% darker color. If you saturate the color by 10%, you get **C2EA56**, and if you desaturate by 10%, it is **CEEA84**.

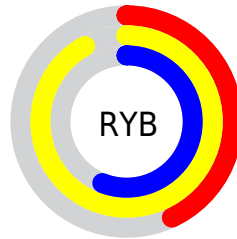
Distribution



Red (78%)

Green (92%)

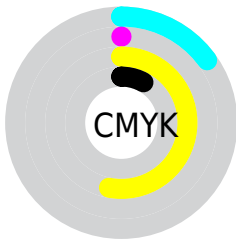
Blue (43%)



Red (43%)

Yellow (92%)

Blue (56%)

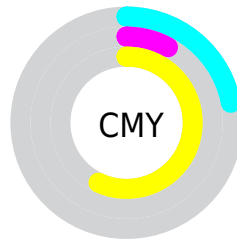


Cyan (15%)

Magenta (0%)

Yellow (53%)

Black (8%)



Cyan (22%)

Magenta (8%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8EA6D 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 C8EA6D by changing the saturation by 10% instead.

 C8EA6D

FFFFFF

 FFFFA4

 FFFFC0

 FFFFDC

 FFFFF9

 C8EA6D

 ABCE52

 90B237

 749719

 597D00

 3F6400

 244C00

 033500

 002100

 000000

 C8EA6D

 C8EA6D

 C2EA56

 CEEA84

 BBEA3E

 D5EA9C

 B5EA27

 DBEAB3

 AFEA0F

 E1EACB

 AAEA00

 E8EAE2

 EEEAF9

 F5EAFF

 FBEAFF

 FFEAFF

Harmonies

Analogous

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



FFD860



C8EA6D



7BF69A

Triad

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



C8EA6D



00F4FF



FFAAE4

Complementary

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



C8EA6D



8F6DEA

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.



FFB8FF



C8EA6D



5BE5FF

Square

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



C8EA6D



00BFFF



D9CFFF



FFAEA8

Rectangle

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



C8EA6D



0DFAC1



D9CFFF



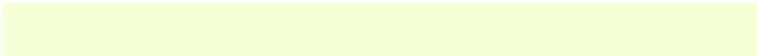
FFACF9

Sweetspot

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



C8EA6D



F4FFD6



EA8E6D



798067



000000



808080

Same Dimension

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



C8EA6D



D3FF5C



8AEA6D



72756A



84B500



273600

Inverse Universe

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



8F6DEA



885CFF



CD6DEA



6D6A75



3100B5



0F0036

Previews

White Background



This preview shows how the Hex color C8EA6D 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 C8EA6D 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 C8EA6D Background



This preview shows how black text looks on a background with the Hex color C8EA6D.

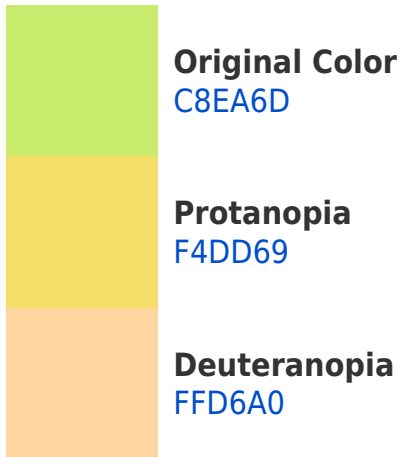


This preview shows how white text looks on a background with the Hex color C8EA6D.

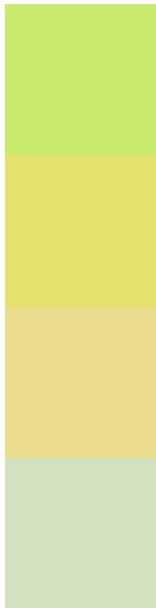
Color Blindness Simulation

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



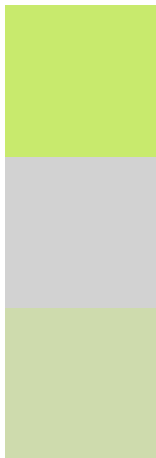
Original Color
C8EA6D

Protanomaly
E4E26A

Deuteranomaly
EBDD8D

Tritanomaly
D2E1BF

Monochromacy



Original Color
C8EA6D

Achromatopsia
D2D2D2

Achromatomaly
CEDBAD

CSS Examples

Text

The CSS property to change the color of the text to Hex C8EA6D 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 #C8EA6D looks like.

```
.text, #text, p{  
    color:#C8EA6D  
}
```

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 #C8EA6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8EA6D
}
```

Border

The CSS property to change the border of an element to Hex C8EA6D 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
#C8EA6D }
```

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

```
.border{ border-color:#C8EA6D }
```

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

Here you see how a box with a 4 pixel #C8EA6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8EA6D; -webkit-box-shadow:4px 4px  
4px 4px #C8EA6D; box-shadow:4px 4px 4px  
4px #C8EA6D }
```

Background

The CSS property to change the background color of an element to Hex C8EA6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8EA6D }
```

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

```
.background{ background-color:#C8EA6D }
```

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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