

Converting Colors

Hex(C7E93E)

Have a look what the booklet for
Hex(C7E93E) contains.

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Color

Hex(C7E93E)

Conversions

Conversions Part 1

Format	Color
Hex	C7E93E
RGB	199, 233, 62
RGB Percent	78%, 91%, 24%
CMY	0.2196, 0.0863, 0.7569
CMYK	0.15, 0.00, 0.73, 0.09
HSL	72°, 80%, 58%
HSV	72°, 73%, 91%
XYZ	53.5616, 70.7677, 15.3940
YIQ	203.3400, 34.6270, -60.3890

Conversions

Conversions Part 2

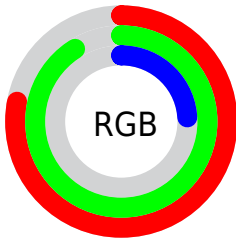
Format	Color
RYB	62, 233, 96
Decimal	13101374
CIELab	87.37, -32.58, 74.04
CIELCh	87, 80.888, 113.750
Yxy	70.7677, 0.3833, 0.5065
Android (android.graphics.Color)	4291291454 (0xFFC7E93E)
YUV	203.3400, -69.6806, -3.8062
Hunter-Lab	84.1236, -33.5650, 48.0369

Details

The Hex color **C7E93E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **603EE9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF79**, and **8DB100** is the 20% darker color. If you saturate the color by 10%, you get **C2E927**, and if you desaturate by 10%, it is **CCE955**.

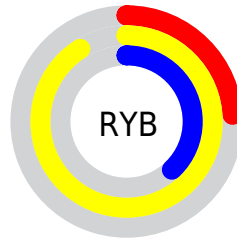
Distribution



Red (78%)

Green (91%)

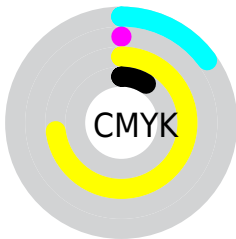
Blue (24%)



Red (24%)

Yellow (91%)

Blue (38%)

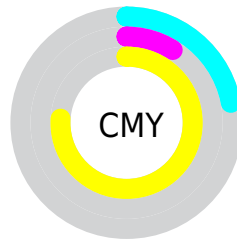


Cyan (15%)

Magenta (0%)

Yellow (73%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7E93E 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 C7E93E by changing the saturation by 10% instead.

 C7E93E

 C7E93E

FFFFFF

 AACD19

 FFFF79

 8DB100

 FFFF95

 719700

 FFFFB2

 557D00

 FFFFCE

 386300

 FFFFED

 1A4B00

 003400

 002100

 000000

 C7E93E

 C7E93E

 C2E927

 CCE955

 BEE90F

 D0E96D

 BBE900

 D5E984

 DAE99B

 DEE9B3

 E3E9CA

 E7E9E1

 ECE9F8

 F1E9FF

Harmonies

Analogous

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



FFD230



C7E93E



60F87B

Triad

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



C7E93E



00F9FF



FF93EE

Complementary

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



C7E93E



603EE9

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.



FFACFF



C7E93E



00E9FF

Square

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



C7E93E



00FFFF



BECDFE



FF97A2

Rectangle

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



C7E93E



00FDAD



BECDFE



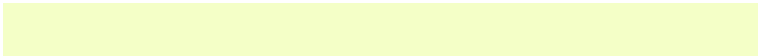
FF99FF

Sweetspot

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



C7E93E



F4FFC7



E95D3E



79805E



000000



808080

Same Dimension

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



C7E93E



D2FF1F



74E93E



73756A



91B500



2B3600

Inverse Universe

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



603EE9



4B1FFF



B33EE9



6C6A75



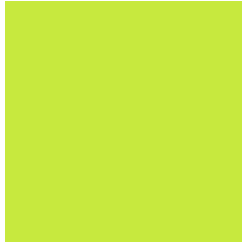
2400B5



0B0036

Previews

White Background



This preview shows how the Hex color C7E93E 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 C7E93E 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 C7E93E Background



This preview shows how black text looks on a background with the Hex color C7E93E.

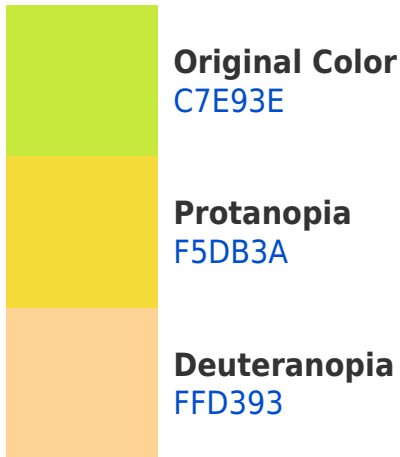


This preview shows how white text looks on a background with the Hex color C7E93E.

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](#).

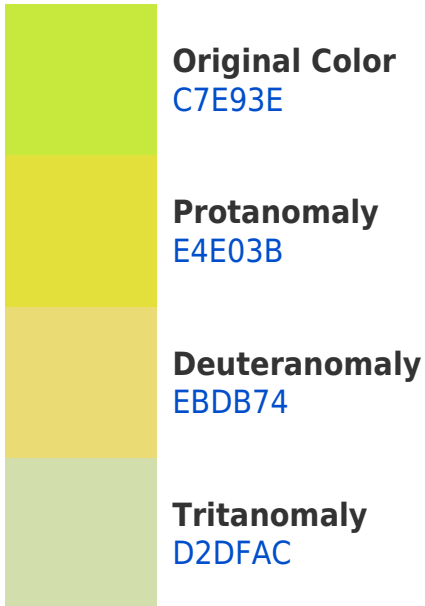
Dichromacy



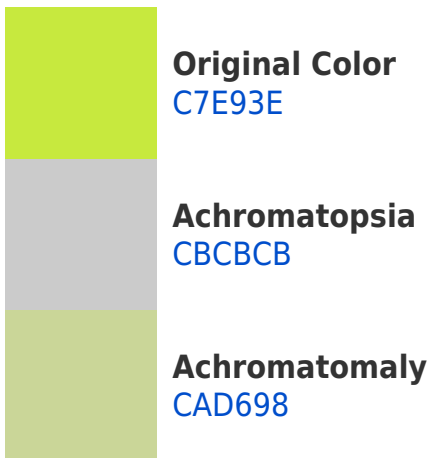


Tritanopia
D8D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7E93E 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 #C7E93E looks like.

```
.text, #text, p{  
    color:#C7E93E  
}
```

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 #C7E93E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E93E
}
```

Border

The CSS property to change the border of an element to Hex C7E93E 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
#C7E93E }
```

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

```
.border{ border-color:#C7E93E }
```

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

Here you see how a box with a 4 pixel #C7E93E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E93E; -webkit-box-shadow:4px 4px  
4px 4px #C7E93E; box-shadow:4px 4px 4px  
4px #C7E93E }
```

Background

The CSS property to change the background color of an element to Hex C7E93E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E93E }
```

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

```
.background{ background-color:#C7E93E }
```

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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