

Converting Colors

Hex(C7E864)

Have a look what the booklet for
Hex(C7E864) contains.

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Color

Hex(C7E864)

Conversions

Conversions Part 1

Format	Color
Hex	C7E864
RGB	199, 232, 100
RGB Percent	78%, 91%, 39%
CMY	0.2196, 0.0902, 0.6078
CMYK	0.14, 0.00, 0.57, 0.09
HSL	75°, 74%, 65%
HSV	75°, 57%, 91%
XYZ	54.7101, 70.7754, 22.8341
YIQ	207.0850, 22.7040, -48.0480

Conversions

Conversions Part 2

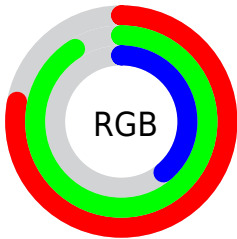
Format	Color
RYB	100, 232, 133
Decimal	13101156
CIELab	87.38, -29.66, 59.41
CIElCh	87, 66.403, 116.532
Yxy	70.7754, 0.3689, 0.4772
Android (android.graphics.Color)	4291291236 (0xFFC7E864)
YUV	207.0850, -52.7929, -7.0905
Hunter-Lab	84.1281, -31.1425, 42.7972

Details

The Hex color **C7E864** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8564E8**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF9B**, and **8EB02D** is the 20% darker color. If you saturate the color by 10%, you get **C1E84D**, and if you desaturate by 10%, it is **CDE87B**.

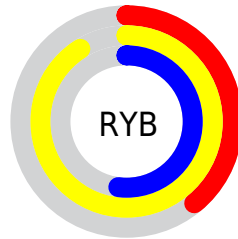
Distribution



Red (78%)

Green (91%)

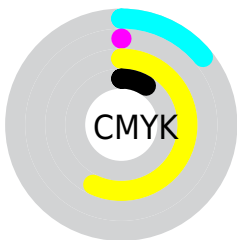
Blue (39%)



Red (39%)

Yellow (91%)

Blue (52%)

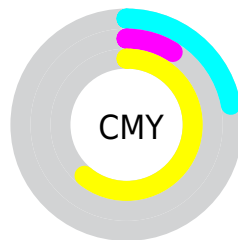


Cyan (14%)

Magenta (0%)

Yellow (57%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7E864 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 C7E864 by changing the saturation by 10% instead.

 C7E864

 C7E864

FFFFFF

 AACCC49

 FFFF9B

 8EB02D

 FFFFB7

 739606

 FFFFD3

 587C00

 FFFFF0

 3D6300

 214A00

 003300

 002000

 000000

 C7E864

 C7E864

 C1E84D

 CDE87B

 BBE836

 D3E892

 B6E81E

 D8E8AA

 B0E807

 DEE8C1

 AEE800

 E4E8D8

 EAE8EF

 F0E8FF

 F5E8FF

 FBE8FF

Harmonies

Analogous

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



FFD557



C7E864



77F492

Triad

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



C7E864



00F3FF



FFA5E5

Complementary

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



C7E864



8564E8

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.



FFB4FF



C7E864



39E4FF

Square

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



C7E864



00FAFF



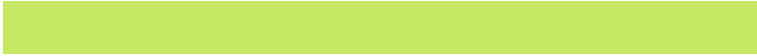
D2CDFF



FFA9A6

Rectangle

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



C7E864



00F9BB



D2CDFF



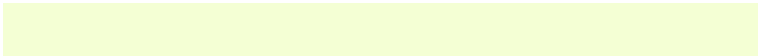
FFA8FA

Sweetspot

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



C7E864



F4FFD4



E88564



798066



000000



808080

Same Dimension

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



C7E864



D4FF52



85E864



707367



86B300



263300

Inverse Universe

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



8564E8



7D52FF



C764E8



6A6773



2D00B3



0D0033

Previews

White Background



This preview shows how the Hex color C7E864 looks on a white background.

Color Contrast Check

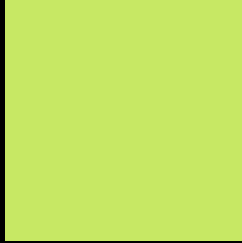
Large Text (above 18pt) WCAG AA × Fail

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 C7E864 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 C7E864 Background



This preview shows how black text looks on a background with the Hex color C7E864.

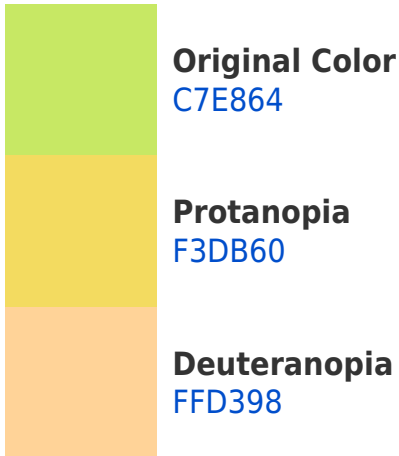


This preview shows how white text looks on a background with the Hex color C7E864.

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](#).

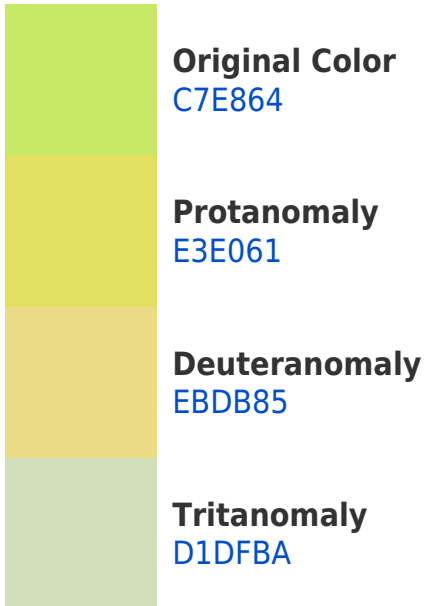
Dichromacy



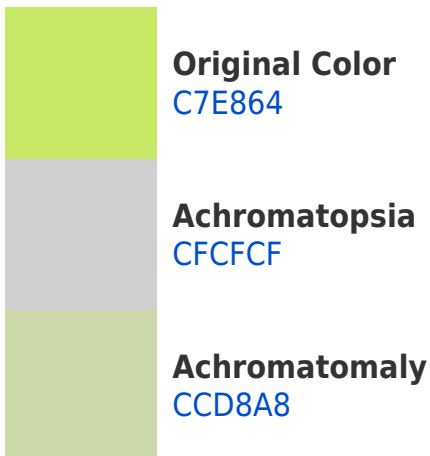


Tritanopia
D7DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7E864 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 #C7E864 looks like.

```
.text, #text, p{  
    color:#C7E864  
}
```

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 #C7E864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E864
}
```

Border

The CSS property to change the border of an element to Hex C7E864 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
#C7E864 }
```

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

```
.border{ border-color:#C7E864 }
```

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

Here you see how a box with a 4 pixel #C7E864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E864; -webkit-box-shadow:4px 4px  
4px 4px #C7E864; box-shadow:4px 4px 4px  
4px #C7E864 }
```

Background

The CSS property to change the background color of an element to Hex C7E864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E864 }
```

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

```
.background{ background-color:#C7E864 }
```

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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