

# Converting Colors

Hex(C7E434)

Have a look what the booklet for  
Hex(C7E434) contains.

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**Color**

**Hex(C7E434)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C7E434                      |
| RGB         | 199, 228, 52                |
| RGB Percent | 78%, 89%, 20%               |
| CMY         | 0.2196, 0.1059, 0.7961      |
| CMYK        | 0.13, 0.00, 0.77, 0.11      |
| HSL         | 70°, 77%, 55%               |
| HSV         | 70°, 77%, 89%               |
| XYZ         | 51.9164, 67.8769, 13.6141   |
| YIQ         | 199.2650, 39.2120, -60.8840 |

# Conversions

## Conversions Part 2

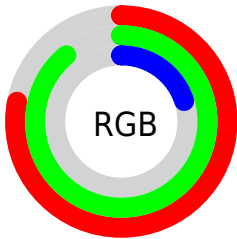
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">52, 228, 81</a>                 |
| Decimal                             | <a href="#">13100084</a>                    |
| CIELab                              | <a href="#">85.94, -30.70, 75.76</a>        |
| CIELCh                              | <a href="#">86, 81.741, 112.058</a>         |
| Yxy                                 | <a href="#">67.8769, 0.3892, 0.5088</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291290164<br/>(0xFFC7E434)</a> |
| YUV                                 | <a href="#">199.2650, -72.6016, -0.2324</a> |
| Hunter-Lab                          | <a href="#">82.3874, -31.6962, 47.8738</a>  |

# Details

The Hex color **C7E434** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed yellow. A complement of this color would be **5134E4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF71**, and **8DAD00** is the 20% darker color. If you saturate the color by 10%, you get **C3E41D**, and if you desaturate by 10%, it is **CBE44B**.

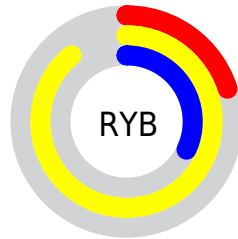
# Distribution



Red (78%)

Green (89%)

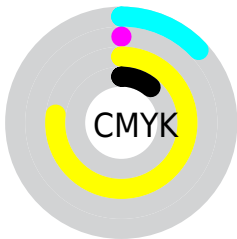
Blue (20%)



Red (20%)

Yellow (89%)

Blue (32%)

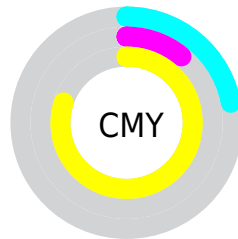


Cyan (13%)

Magenta (0%)

Yellow (77%)

Black (11%)



Cyan (22%)

Magenta (11%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E434 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 C7E434 by changing the saturation by 10% instead.



 C7E434

 C7E434

FFFFFF

 AAC802

 FFFF71

 8DAD00

 FFFF8D

 709200

 FFFFAA

 557800

 FFFFC7

 385F00

 FFFFE5

 1B4700

 003100

 001D00

 000000

 C7E434

 C7E434

 C3E41D

 CBE44B

 BFE406

 CFE462

 BEE400

 D2E478

 D6E48F

 DAE4A6

 DEE4BD

 E1E4D4

 E5E4EA

 E9E4FF

# Harmonies

## Analogous

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



FFCC2A



C7E434



62F372

# Triad

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



C7E434



00F6FF



FF8EEF

# Complementary

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



C7E434



5134E4

# 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.



FFA9FF



C7E434



00E6FF

# Square

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



C7E434



00FBFF



B0CBFF



FF91A1

# Rectangle

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



C7E434



00F9A4



B0CBFF



FF95FF

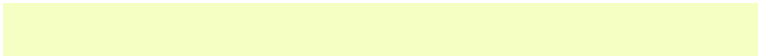


# Sweetspot

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



C7E434



F5FFC4



E44E34



7A805C



000000



808080



# Same Dimension

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



C7E434



D8FF12



72E434



717367



95B300



2B3300



# Inverse Universe

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



5134E4



3912FF



A634E4



696773



1D00B3



080033



# Previews

## White Background



This preview shows how the Hex color C7E434 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 C7E434 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 C7E434 Background



This preview shows how black text looks on a background with the Hex color C7E434.



This preview shows how white text looks on a background with the Hex color C7E434.

# 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



**Original Color**  
C7E434

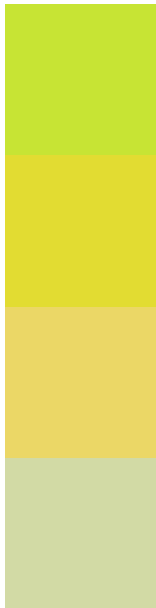
**Protanopia**  
F1D731

**Deuteranopia**  
FFCF82



**Tritanopia**  
D8D4E5

# Trichromacy



**Original Color**  
C7E434

**Protanomaly**  
E2DC32

**Deuteranomaly**  
EBD766

**Tritanomaly**  
D2DAA5

# Monochromacy



**Original Color**  
C7E434

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
C7D292

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E434 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 #C7E434 looks like.

```
.text, #text, p{  
    color:#C7E434  
}
```

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 #C7E434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E434
}
```

## Border

The CSS property to change the border of an element to Hex C7E434 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
#C7E434 }
```

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

```
.border{ border-color:#C7E434 }
```

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

Here you see how a box with a 4 pixel #C7E434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E434; -webkit-box-shadow:4px 4px  
4px 4px #C7E434; box-shadow:4px 4px 4px  
4px #C7E434 }
```

# Background

The CSS property to change the background color of an element to Hex C7E434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E434 }
```

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

```
.background{ background-color:#C7E434 }
```

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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