

# Converting Colors

Hex(C7DE2F)

Have a look what the booklet for  
Hex(C7DE2F) contains.

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# **Color**

**Hex(C7DE2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7DE2F
RGB	199, 222, 47
RGB Percent	78%, 87%, 18%
CMY	0.2196, 0.1294, 0.8157
CMYK	0.10, 0.00, 0.79, 0.13
HSL	68°, 73%, 53%
HSV	68°, 79%, 87%
XYZ	50.1876, 64.5899, 12.5113
YIQ	195.1730, 42.4670, -59.3010

# Conversions

## Conversions Part 2

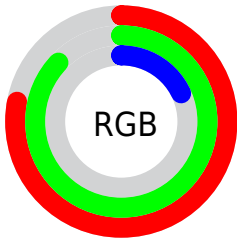
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 222, 70
Decimal	13098543
CIELab	84.27, -28.08, 75.65
CIELCh	84, 80.692, 110.361
Yxy	64.5899, 0.3943, 0.5074
Android (android.graphics.Color)	4291288623 (0xFFC7DE2F)
YUV	195.1730, -73.0493, 3.3563
Hunter-Lab	80.3678, -29.1753, 47.0275

# Details

The Hex color **C7DE2F** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **462FDE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF6C**, and **8DA700** is the 20% darker color. If you saturate the color by 10%, you get **C4DE19**, and if you desaturate by 10%, it is **CADE45**.

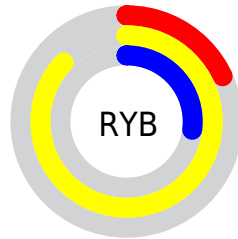
# Distribution



Red (78%)

Green (87%)

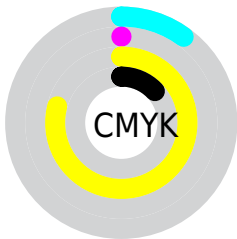
Blue (18%)



Red (18%)

Yellow (87%)

Blue (27%)

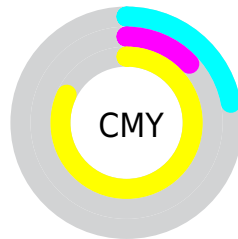


Cyan (10%)

Magenta (0%)

Yellow (79%)

Black (13%)



Cyan (22%)

Magenta (13%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7DE2F 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 C7DE2F by changing the saturation by 10% instead.



 C7DE2F

 C7DE2F

FFFFFF

 AAC200

 FFFF6C

 8DA700

 FFFF89

 708D00

 FFFFA6

 557300

 FFFF33

 385A00

 FFFF00

 1C4300

FFFFFFE

 002C00

 001800

 000000

 C7DE2F

 C7DE2F

 C4DE19

 CADE45

 C1DE03

 CDDE5B

 C1DE00

 D0DE72

 D3DE88

 D6DE9E

 D9DEB4

 DBDECA

 DEDEE1

 E1DEF7

# Harmonies

## Analogous

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



FFC62A



C7DE2F



67ED6B

# Triad

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



C7DE2F



00F1FF



FF8CEE

# Complementary

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



C7DE2F



462FDE

# 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.



FFA7FF



C7DE2F



00E2FF

# Square

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



C7DE2F



00F6FF



A3C8FF



FF8CA2

# Rectangle

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



C7DE2F



00F39C



A3C8FF



FF93FF

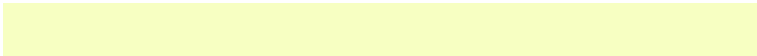


# Sweetspot

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



C7DE2F



F7FFC2



DE432F



7B805B



000000



808080



# Same Dimension

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



C7DE2F



DFFF0D



72DE2F



6F7065



99B000



2A3000



# Inverse Universe

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



462FDE



2D0DFF



9B2FDE



666570



1700B0



060030



# Previews

## White Background



This preview shows how the Hex color C7DE2F looks on a white background.

## Color Contrast Check

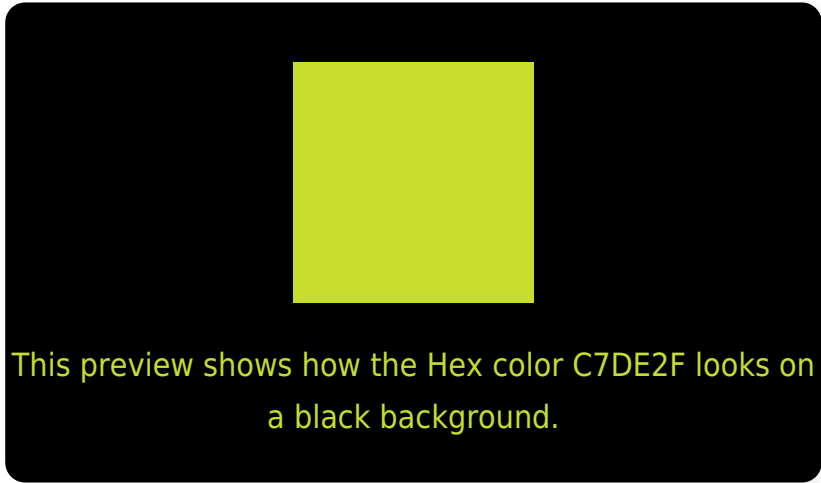
Large Text (above 18pt) WCAG AA × Fail

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 C7DE2F Background



This preview shows how black text looks on a background with the Hex color C7DE2F.

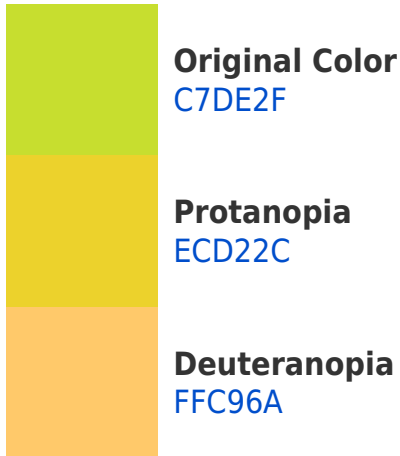


This preview shows how white text looks on a background with the Hex color C7DE2F.

# 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](#).

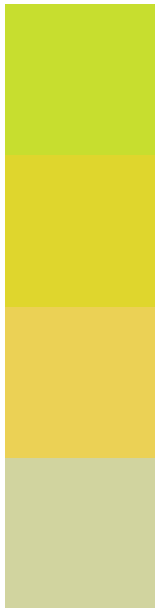
## Dichromacy





**Tritanopia**  
D7CFDF

# Trichromacy



**Original Color**  
C7DE2F

**Protanomaly**  
DFD62D

**Deuteranomaly**  
EBD155

**Tritanomaly**  
D1D49F

# Monochromacy



**Original Color**  
C7DE2F

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C4CD8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7DE2F 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 #C7DE2F looks like.

```
.text, #text, p{  
    color:#C7DE2F  
}
```

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 #C7DE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DE2F
}
```

## Border

The CSS property to change the border of an element to Hex C7DE2F 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
#C7DE2F }
```

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

```
.border{ border-color:#C7DE2F }
```

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

Here you see how a box with a 4 pixel #C7DE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DE2F; -webkit-box-shadow:4px 4px  
4px 4px #C7DE2F; box-shadow:4px 4px 4px  
4px #C7DE2F }
```

# Background

The CSS property to change the background color of an element to Hex C7DE2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DE2F }
```

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

```
.background{ background-color:#C7DE2F }
```

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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