

# Converting Colors

Hex(C7F65A)

Have a look what the booklet for  
Hex(C7F65A) contains.

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**Color**

**Hex(C7F65A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7F65A
RGB	199, 246, 90
RGB Percent	78%, 96%, 35%
CMY	0.2196, 0.0353, 0.6471
CMYK	0.19, 0.00, 0.63, 0.04
HSL	78°, 90%, 66%
HSV	78°, 63%, 96%
XYZ	58.3544, 78.7918, 21.8056
YIQ	214.1630, 22.0640, -58.4800

# Conversions

## Conversions Part 2

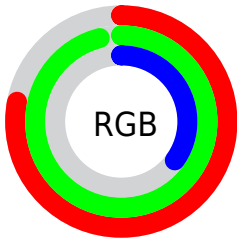
Format	Color
<a href="#">RYB</a>	<a href="#">90, 246, 137</a>
Decimal	<a href="#">13104730</a>
CIELab	<a href="#">91.14, -36.85, 67.71</a>
CIELCh	<a href="#">91, 77.089, 118.556</a>
Yxy	<a href="#">78.7918, 0.3671, 0.4957</a>
Android (android.graphics.Color)	<a href="#">4291294810 (0xFFC7F65A)</a>
YUV	<a href="#">214.1630, -61.2124, -13.2980</a>
Hunter-Lab	<a href="#">88.7648, -37.9915, 47.5704</a>

# Details

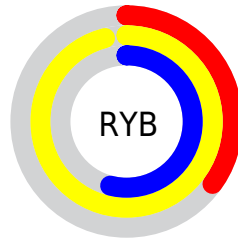
The Hex color **C7F65A** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **895AF6**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF92**, and **8DBE1B** is the 20% darker color. If you saturate the color by 10%, you get **C0F641**, and if you desaturate by 10%, it is **CEF673**.

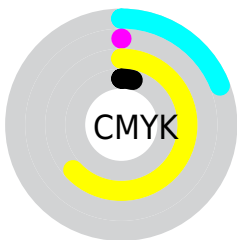
# Distribution



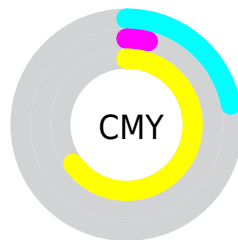
- Red (78%)
- Green (96%)
- Blue (35%)



- Red (35%)
- Yellow (96%)
- Blue (54%)



- Cyan (19%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7F65A 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 C7F65A by changing the saturation by 10% instead.



 C7F65A

 C7F65A

FFFFFF

 AAD93D

 FFFF92

 8DBE1B

 FFFF92

 71A200

 FFFFCB

 558800

 FFFF92

 396E00

 1A5600

 003E00

 002800

 000800

 C7F65A

 C7F65A

 C0F641

 CEF673

 B8F629

 D6F68B

 B1F610

 DDF6A4

 ACF600

 E5F6BC

 ECF6D5

 F3F6EE

 FBF6FF

 FFF6FF

# Harmonies

## Analogous

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



FFE146



C7F65A



5FFF95

# Triad

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



C7F65A



00FFFF



FFA2EC

# Complementary

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



C7F65A



895AF6

# 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.



FFB5FF



C7F65A



00EFFF

# Square

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



C7F65A



00FFFF



E1D4FF



FFAAA3

# Rectangle

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



C7F65A



00FFC6



E1D4FF



FFA6FF

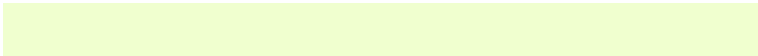


# Sweetspot

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



C7F65A



F0FFCF



F6895A



778062



000000



808080



# Same Dimension

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



C7F65A



C5FF3D



79F65A



777A6E



82BA00



293B00



# Inverse Universe

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



895AF6



783DFF



D75AF6



726E7A



3800BA

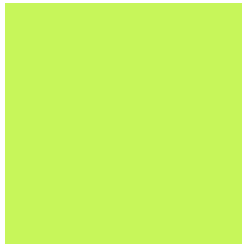


12003B



# Previews

## White Background



This preview shows how the Hex color C7F65A 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 C7F65A 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 C7F65A Background



This preview shows how black text looks on a background with the Hex color C7F65A.

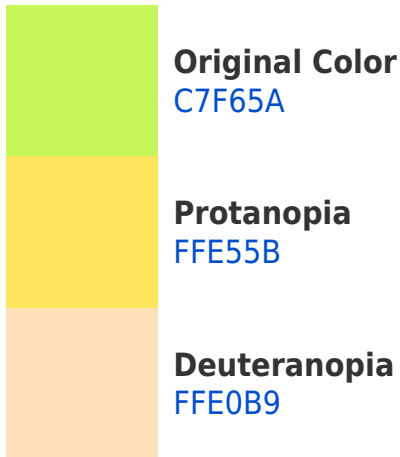


This preview shows how white text looks on a background with the Hex color C7F65A.

# 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



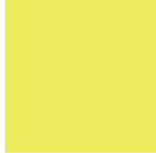


**Tritanopia**  
DAE6F9

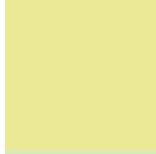
# Trichromacy



**Original Color**  
C7F65A



**Protanomaly**  
EBEB5B



**Deuteranomaly**  
EBE896

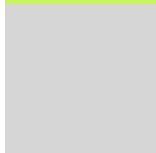


**Tritanomaly**  
D3ECBF

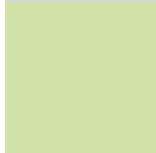
# Monochromacy



**Original Color**  
C7F65A



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
D1E2A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7F65A 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 #C7F65A looks like.

```
.text, #text, p{  
    color:#C7F65A  
}
```

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 #C7F65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7F65A
}
```

## Border

The CSS property to change the border of an element to Hex C7F65A 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
#C7F65A }
```

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

```
.border{ border-color:#C7F65A }
```

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

Here you see how a box with a 4 pixel #C7F65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7F65A; -webkit-box-shadow:4px 4px  
4px 4px #C7F65A; box-shadow:4px 4px 4px  
4px #C7F65A }
```

# Background

The CSS property to change the background color of an element to Hex C7F65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7F65A }
```

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

```
.background{ background-color:#C7F65A }
```

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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