

# Converting Colors

Hex(C6ED5F)

Have a look what the booklet for  
Hex(C6ED5F) contains.

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**Color**

**Hex(C6ED5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6ED5F
RGB	198, 237, 95
RGB Percent	78%, 93%, 37%
CMY	0.2235, 0.0706, 0.6275
CMYK	0.16, 0.00, 0.60, 0.07
HSL	76°, 80%, 65%
HSV	76°, 60%, 93%
XYZ	55.6384, 73.4004, 22.0617
YIQ	209.1510, 22.3380, -52.4300

# Conversions

## Conversions Part 2

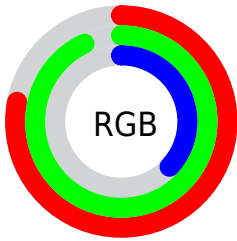
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 237, 134
Decimal	13036895
CIELab	88.64, -32.76, 62.94
CIElCh	89, 70.959, 117.499
Yxy	73.4004, 0.3682, 0.4858
Android (android.graphics.Color)	4291226975 (0xFFC6ED5F)
YUV	209.1510, -56.2764, -9.7794
Hunter-Lab	85.6740, -34.0080, 44.7042

# Details

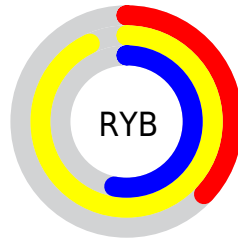
The Hex color **C6ED5F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **865FED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF96**, and **8DB525** is the 20% darker color. If you saturate the color by 10%, you get **BFED47**, and if you desaturate by 10%, it is **CDED77**.

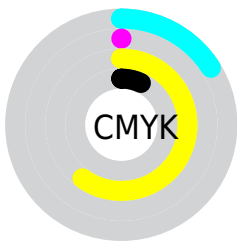
# Distribution



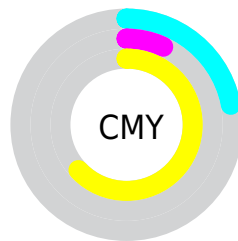
- Red (78%)
- Green (93%)
- Blue (37%)



- Red (37%)
- Yellow (93%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6ED5F 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 C6ED5F by changing the saturation by 10% instead.



 C6ED5F

 C6ED5F

FFFFFFF

 A9D143

 FFFF96

 8DB525

 FFFFB2

 719A00

 FFFFCF

 568000

 FFFFFEC

 3B6700

 1E4E00

 003700

 002300

 000000

 C6ED5F

 C6ED5F

 BFED47

 CDED77

 B9ED30

 D3ED8E

 B2ED18

 DAEDA6

 ACED00

 E0EDBE

 E7EDD5

 EDEDED

 F4EDFF

 FAEDFF

 FFEDFF

# Harmonies

## Analogous

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



FFD94F



C6ED5F



6CFA93

# Triad

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



C6ED5F



00F8FF



FFA3E7

# Complementary

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



C6ED5F



865FED

# 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.



FFB3FF



C6ED5F



18E8FF

# Square

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



C6ED5F



00FFFF



D8CFFF



FFA9A4

# Rectangle

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



C6ED5F



00FEBF



D8CFFF



FFA6FE

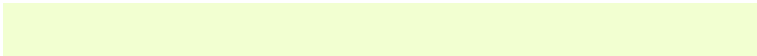


# Sweetspot

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



C6ED5F



F2FFD1



ED855F



788063



000000



808080



# Same Dimension

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



C6ED5F



CDFF47



80ED5F



72756A



83B500



273600



# Inverse Universe

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



865FED



7A47FF



CC5FED



6D6A75



3200B5

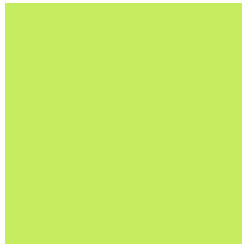


0F0036



# Previews

## White Background



This preview shows how the Hex color C6ED5F looks on a white background.

## Color Contrast Check

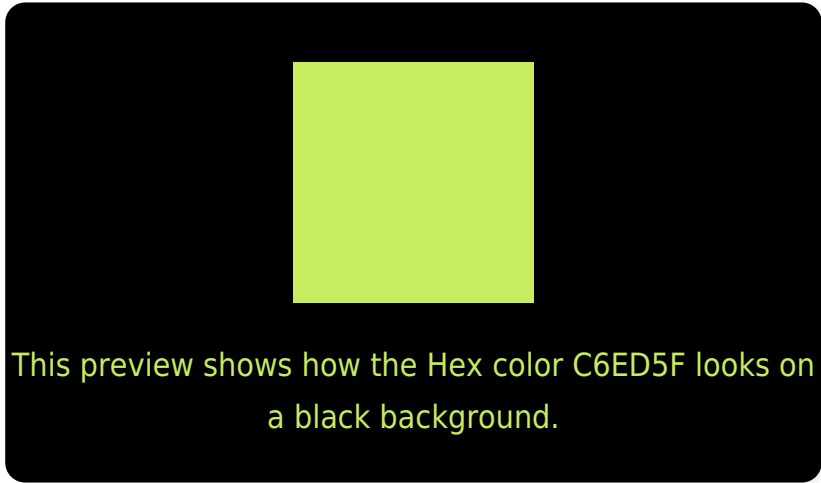
Large Text (above 18pt) WCAG AA × Fail

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 C6ED5F Background



This preview shows how black text looks on a background with the Hex color C6ED5F.

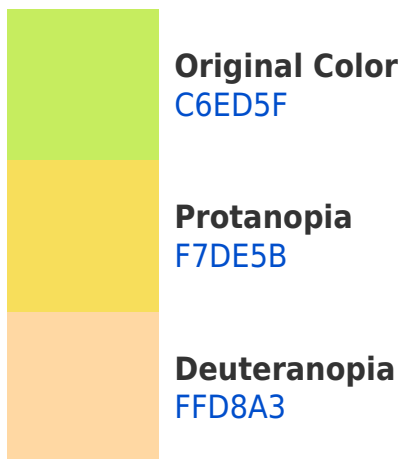


This preview shows how white text looks on a background with the Hex color C6ED5F.

# 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](#).

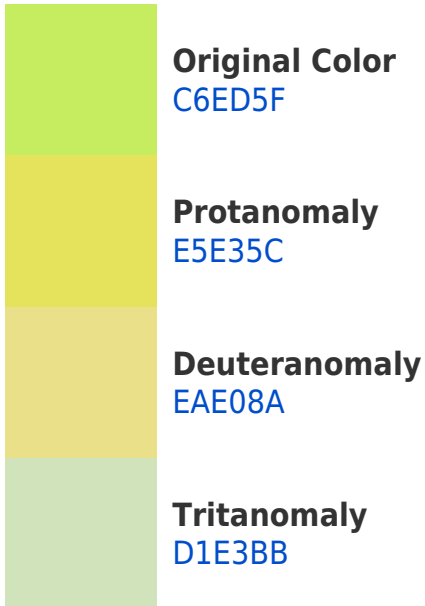
## Dichromacy



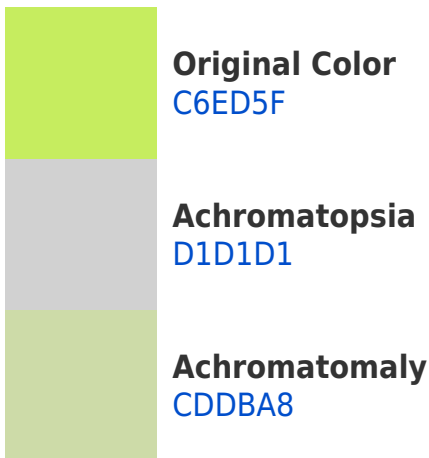


**Tritanopia**  
D7DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6ED5F 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 #C6ED5F looks like.

```
.text, #text, p{  
    color:#C6ED5F  
}
```

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 #C6ED5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6ED5F
}
```

## Border

The CSS property to change the border of an element to Hex C6ED5F 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
#C6ED5F }
```

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

```
.border{ border-color:#C6ED5F }
```

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

Here you see how a box with a 4 pixel #C6ED5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6ED5F; -webkit-box-shadow:4px 4px  
4px 4px #C6ED5F; box-shadow:4px 4px 4px  
4px #C6ED5F }
```

# Background

The CSS property to change the background color of an element to Hex C6ED5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6ED5F }
```

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

```
.background{ background-color:#C6ED5F }
```

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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