

# Converting Colors

Hex(C8ED60)

Have a look what the booklet for  
Hex(C8ED60) contains.

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**Color**

**Hex(C8ED60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8ED60
RGB	200, 237, 96
RGB Percent	78%, 93%, 38%
CMY	0.2157, 0.0706, 0.6235
CMYK	0.16, 0.00, 0.59, 0.07
HSL	76°, 80%, 65%
HSV	76°, 59%, 93%
XYZ	56.2149, 73.6923, 22.3275
YIQ	209.8630, 23.2090, -51.6950

# Conversions

## Conversions Part 2

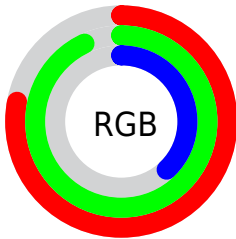
Format	Color
<b>RYB</b>	96, 237, 133
Decimal	13167968
CIELab	88.78, -31.92, 62.71
CIElCh	89, 70.368, 116.978
Yxy	73.6923, 0.3693, 0.4841
Android (android.graphics.Color)	4291358048 (0xFFC8ED60)
YUV	209.8630, -56.1345, -8.6499
Hunter-Lab	85.8442, -33.3369, 44.6700

# Details

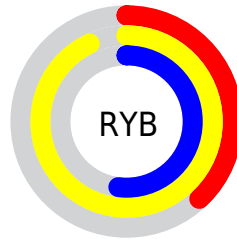
The Hex color **C8ED60** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8560ED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF97**, and **8FB526** is the 20% darker color. If you saturate the color by 10%, you get **C2ED48**, and if you desaturate by 10%, it is **CEED78**.

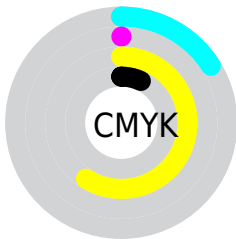
# Distribution



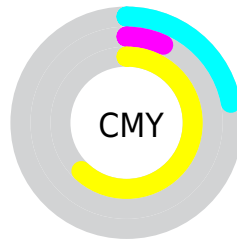
- Red (78%)
- Green (93%)
- Blue (38%)



- Red (38%)
- Yellow (93%)
- Blue (52%)



- Cyan (16%)
- Magenta (0%)
- Yellow (59%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8ED60 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 C8ED60 by changing the saturation by 10% instead.



 C8ED60

 C8ED60

FFFFFF

 ABD144

 FFFF97

 8FB526

 FFFFB3

 739A00

 FFFFFD0

 588000

 FFFFFED

 3D6700

 204E00

 003700

 002300

 000000

 C8ED60

 C8ED60

 C2ED48

 CEED78

 BCED31

 D4ED8F

 B5ED19

 DBEDA7

 AFED01

 E1EDBF

 AFED00

 E7EDD6

 EDEDEE

 F4EDFF

 FAEDFF

 FFEDFF

# Harmonies

## Analogous

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



FFD951



C8ED60



70FA93

# Triad

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



C8ED60



00F8FF



FFA4E9

# Complementary

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



C8ED60



8560ED

# 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



C8ED60



19E8FF

# Square

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



C8ED60



00FFFF



D6D0FF



FFA9A6

# Rectangle

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



C8ED60



00FEBE



D6D0FF



FFA7FF

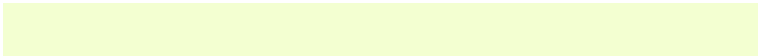


# Sweetspot

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



C8ED60



F3FFD1



ED8360



788063



000000



808080



# Same Dimension

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



C8ED60



CFFF4A



83ED60



72756A



86B500



273600



# Inverse Universe

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



8560ED



794AFF



CA60ED



6D6A75



3000B5



0E0036



# Previews

## White Background



This preview shows how the Hex color C8ED60 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 C8ED60 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 C8ED60 Background



This preview shows how black text looks on a background with the Hex color C8ED60.

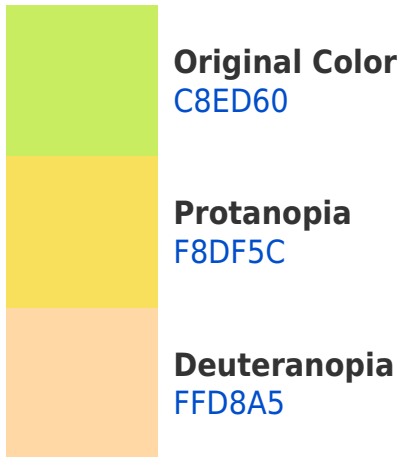


This preview shows how white text looks on a background with the Hex color C8ED60.

# 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



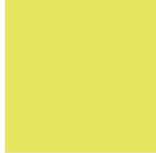


**Tritanopia**  
D9DEF0

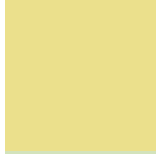
# Trichromacy



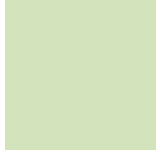
**Original Color**  
C8ED60



**Protanomaly**  
E7E45D



**Deuteranomaly**  
EBE08C

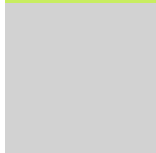


**Tritanomaly**  
D3E3BC

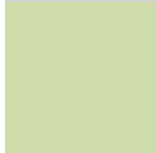
# Monochromacy



**Original Color**  
C8ED60



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
CEDCA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8ED60 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 #C8ED60 looks like.

```
.text, #text, p{  
    color:#C8ED60  
}
```

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 #C8ED60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8ED60
}
```

## Border

The CSS property to change the border of an element to Hex C8ED60 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
#C8ED60 }
```

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

```
.border{ border-color:#C8ED60 }
```

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

Here you see how a box with a 4 pixel #C8ED60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8ED60; -webkit-box-shadow:4px 4px  
4px 4px #C8ED60; box-shadow:4px 4px 4px  
4px #C8ED60 }
```

# Background

The CSS property to change the background color of an element to Hex C8ED60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8ED60 }
```

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

```
.background{ background-color:#C8ED60 }
```

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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