

Converting Colors

Hex(C2ED5A)

Have a look what the booklet for
Hex(C2ED5A) contains.

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Color

Hex(C2ED5A)

Conversions

Conversions Part 1

Format	Color
Hex	C2ED5A
RGB	194, 237, 90
RGB Percent	76%, 93%, 35%
CMY	0.2392, 0.0706, 0.6471
CMYK	0.18, 0.00, 0.62, 0.07
HSL	78°, 80%, 64%
HSV	78°, 62%, 93%
XYZ	54.3778, 72.7759, 20.8540
YIQ	207.3850, 21.5590, -54.8330

Conversions

Conversions Part 2

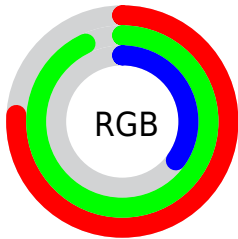
Format	Color
RYB	90, 237, 133
Decimal	12774746
CIELab	88.34, -34.67, 64.61
CIELCh	88, 73.324, 118.214
Yxy	72.7759, 0.3674, 0.4917
Android (android.graphics.Color)	4290964826 (0xFFC2ED5A)
YUV	207.3850, -57.8708, -11.7386
Hunter-Lab	85.3088, -35.5104, 45.2225

Details

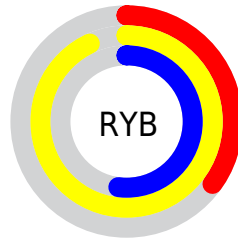
The Hex color **C2ED5A** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **855AED**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FDFF92**, and **89B51D** is the 20% darker color. If you saturate the color by 10%, you get **BBED42**, and if you desaturate by 10%, it is **C9ED72**.

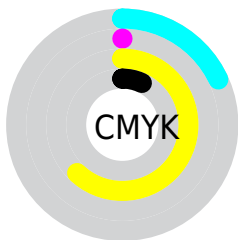
Distribution



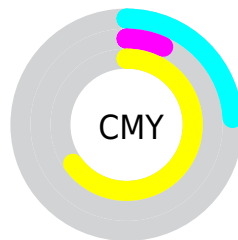
- Red (76%)
- Green (93%)
- Blue (35%)



- Red (35%)
- Yellow (93%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (62%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2ED5A 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 C2ED5A by changing the saturation by 10% instead.

 C2ED5A

 C2ED5A

FFFFFF

 A5D13E

 FDF992

 89B51D

 FFFFAE

 6D9A00

 FFFPCA

 518000

 FFFFE7

 366700

 174E00

 003700

 002300

 000000

 C2ED5A

 C2ED5A

 BBED42

 C9ED72

 B4ED2B

 D0ED89

 ADED13

 D7EDA1

 A8ED00

 DEEDB9

 E5EDD1

 ECEDE8

 F3EDFF

 F9EDFF

 FFEDFF

Harmonies

Analogous

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



FFD948



C2ED5A



62FA91

Triad

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



C2ED5A



00F7FF



FF9FE5

Complementary

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



C2ED5A



855AED

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.



FFB0FF



C2ED5A



00E7FF

Square

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



C2ED5A



00FFFF



D8CDFF



FFA6A0

Rectangle

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



C2ED5A



00FEBF



D8CDFF



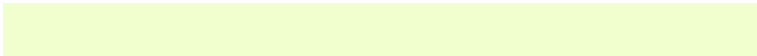
FFA2FC

Sweetspot

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



C2ED5A



F1FFCF



ED845A



778062



000000



808080

Same Dimension

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



C2ED5A



C8FF42



7AED5A



72756A



80B500



263600

Inverse Universe

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



855AED



7942FF



CD5AED



6D6A75



3500B5



100036

Previews

White Background



This preview shows how the Hex color C2ED5A looks on a white background.

Color Contrast Check

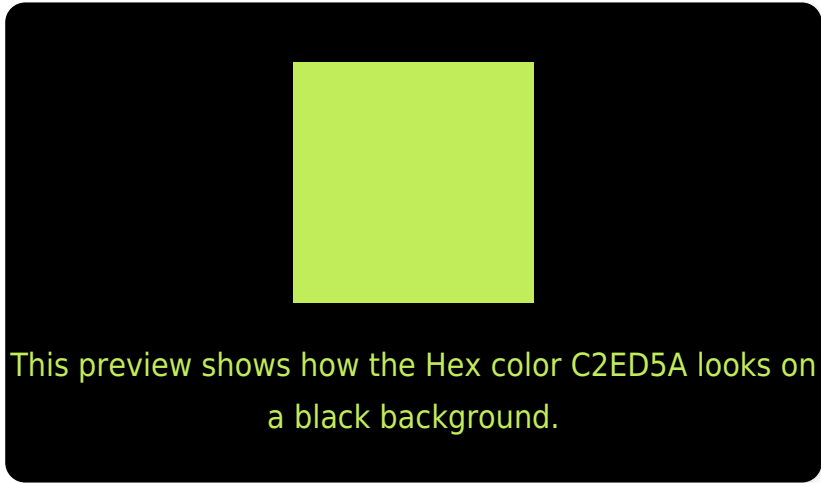
Large Text (above 18pt) WCAG AA × Fail

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 C2ED5A Background



This preview shows how black text looks on a background with the Hex color C2ED5A.

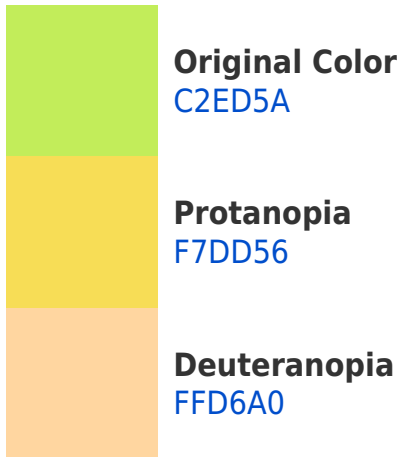


This preview shows how white text looks on a background with the Hex color C2ED5A.

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](#).

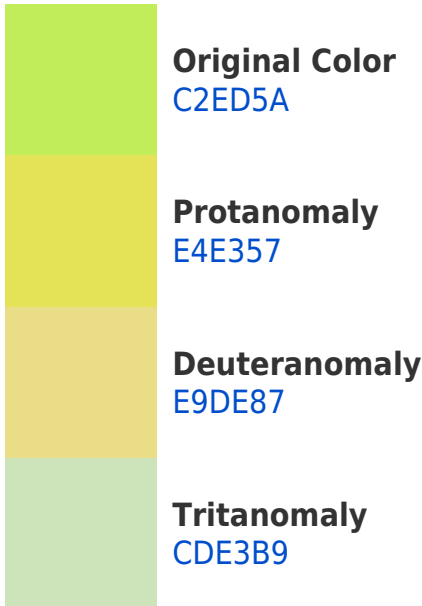
Dichromacy



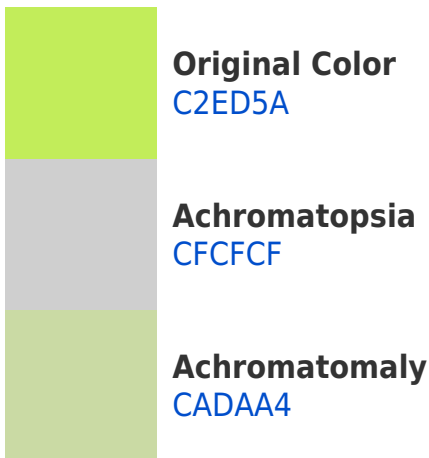


Tritanopia
D4DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2ED5A 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 #C2ED5A looks like.

```
.text, #text, p{  
    color:#C2ED5A  
}
```

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 #C2ED5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2ED5A
}
```

Border

The CSS property to change the border of an element to Hex C2ED5A 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
#C2ED5A }
```

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

```
.border{ border-color:#C2ED5A }
```

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

Here you see how a box with a 4 pixel #C2ED5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2ED5A; -webkit-box-shadow:4px 4px  
4px 4px #C2ED5A; box-shadow:4px 4px 4px  
4px #C2ED5A }
```

Background

The CSS property to change the background color of an element to Hex C2ED5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2ED5A }
```

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

```
.background{ background-color:#C2ED5A }
```

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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