

Converting Colors

Hex(C5DD70)

Have a look what the booklet for
Hex(C5DD70) contains.

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Color

Hex(C5DD70)

Conversions

Conversions Part 1

Format	Color
Hex	C5DD70
RGB	197, 221, 112
RGB Percent	77%, 87%, 44%
CMY	0.2275, 0.1333, 0.5608
CMYK	0.11, 0.00, 0.49, 0.13
HSL	73°, 62%, 65%
HSV	73°, 49%, 87%
XYZ	51.8070, 64.7531, 25.0973
YIQ	201.3980, 20.6850, -38.9870

Conversions

Conversions Part 2

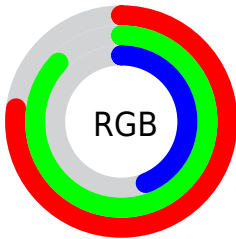
Format	Color
RYB	112, 221, 136
Decimal	12967280
CIELab	84.36, -24.14, 50.40
CIELCh	84, 55.883, 115.591
Yxy	64.7531, 0.3657, 0.4571
Android (android.graphics.Color)	4291157360 (0xFFC5DD70)
YUV	201.3980, -44.0732, -3.8570
Hunter-Lab	80.4693, -25.9009, 37.8367

Details

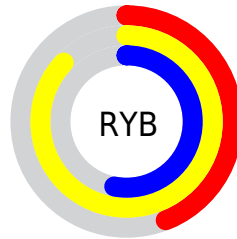
The Hex color **C5DD70** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8870DD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFA6**, and **8DA63C** is the 20% darker color. If you saturate the color by 10%, you get **C0DD5A**, and if you desaturate by 10%, it is **CADD86**.

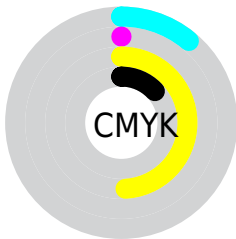
Distribution



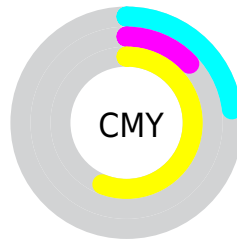
- Red (77%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5DD70 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 C5DD70 by changing the saturation by 10% instead.

 C5DD70

 C5DD70

FFFFFF

 A9C156

 FFFFA6

 8DA63C

 FFFFC2

 728C21


 FFFFDE

 587200

 FFFFFB

 3E5900

 254200

 082B00

 001800

 000000

 C5DD70

 C5DD70

 C0DD5A

 CADD86

 BBDD44

 CFDD9C

 B6DD2E

 D4DDB2

 B2DD18

 D8DDC8

 ADDD01

 DDDDDF

 ACDD00

 E2DDF5

 E7DDFF

 ECDDFF

 F1DDFF

Harmonies

Analogous

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



F9CD67



C5DD70



85E895

Triad

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



C5DD70



00E7FF



FFA7DC

Complementary

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



C5DD70



8870DD

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.



FFB4FF



C5DD70



64DAFF

Square

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



C5DD70



00EDFE



CBC8FF



FFAAA8

Rectangle

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



C5DD70



49ECB6



CBC8FF



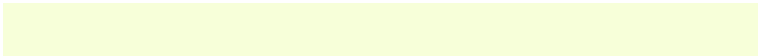
FFAAEE

Sweetspot

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



C5DD70



F7FFD9



DD8870



7A8069



000000



808080

Same Dimension

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



C5DD70



DEFF69



8FDD70



6B6E63



87AD00



242E00

Inverse Universe

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



8870DD



8A69FF



BE70DD



65636E



2600AD



0A002E

Previews

White Background



This preview shows how the Hex color C5DD70 looks on a white background.

Color Contrast Check

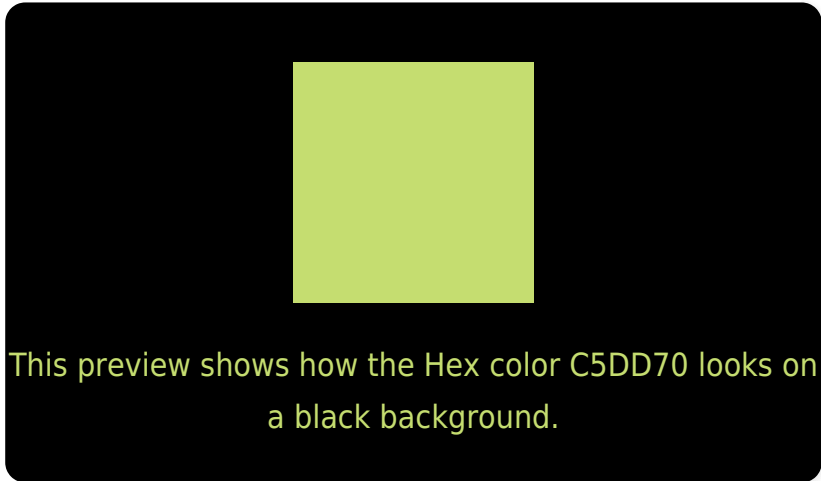
Large Text (above 18pt) WCAG AA × Fail

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 C5DD70 Background



This preview shows how black text looks on a background with the Hex color C5DD70.

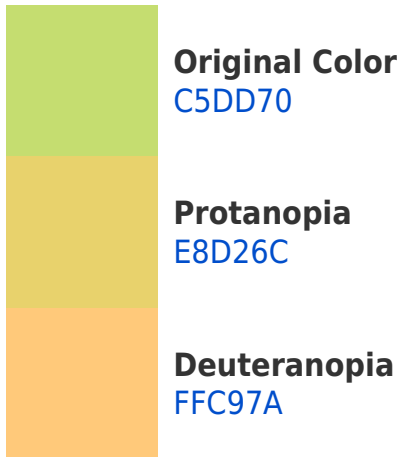


This preview shows how white text looks on a background with the Hex color C5DD70.

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](#).

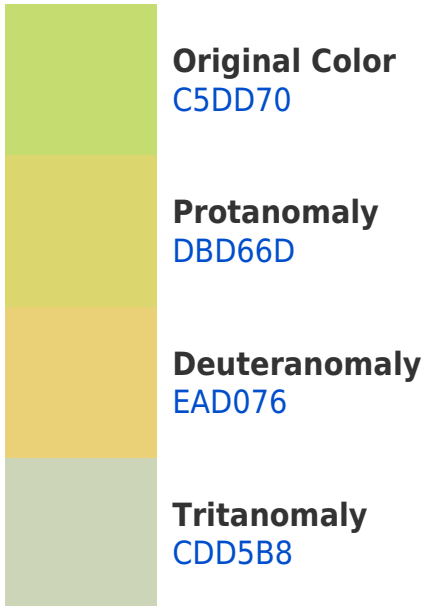
Dichromacy



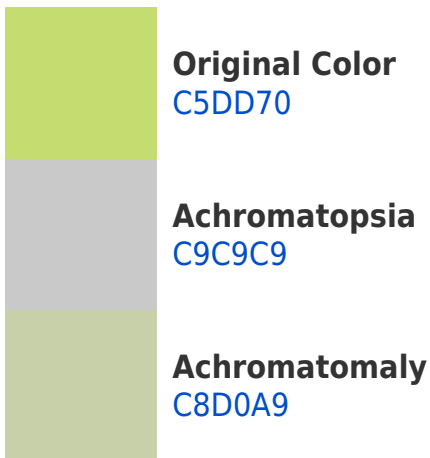


Tritanopia
D2D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5DD70 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 #C5DD70 looks like.

```
.text, #text, p{  
    color:#C5DD70  
}
```

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 #C5DD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DD70
}
```

Border

The CSS property to change the border of an element to Hex C5DD70 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
#C5DD70 }
```

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

```
.border{ border-color:#C5DD70 }
```

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

Here you see how a box with a 4 pixel #C5DD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DD70; -webkit-box-shadow:4px 4px  
4px 4px #C5DD70; box-shadow:4px 4px 4px  
4px #C5DD70 }
```

Background

The CSS property to change the background color of an element to Hex C5DD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DD70 }
```

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

```
.background{ background-color:#C5DD70 }
```

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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