

Converting Colors

Hex(C6DD5D)

Have a look what the booklet for
Hex(C6DD5D) contains.

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Color

Hex(C6DD5D)

Conversions

Conversions Part 1

Format	Color
Hex	C6DD5D
RGB	198, 221, 93
RGB Percent	78%, 87%, 36%
CMY	0.2235, 0.1333, 0.6353
CMYK	0.10, 0.00, 0.58, 0.13
HSL	71°, 65%, 62%
HSV	71°, 58%, 87%
XYZ	51.1209, 64.5090, 20.1130
YIQ	199.5310, 27.3800, -44.6840

Conversions

Conversions Part 2

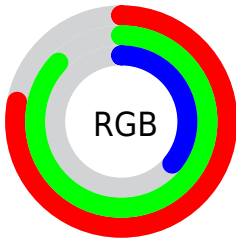
Format	Color
RYB	93, 221, 116
Decimal	13032797
CIELab	84.23, -25.40, 58.91
CIELCh	84, 64.152, 113.329
Yxy	64.5090, 0.3766, 0.4752
Android (android.graphics.Color)	4291222877 (0xFFC6DD5D)
YUV	199.5310, -52.5198, -1.3427
Hunter-Lab	80.3175, -26.9429, 41.3749

Details

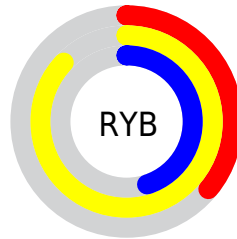
The Hex color **C6DD5D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **745DDD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF93**, and **8DA625** is the 20% darker color. If you saturate the color by 10%, you get **C2DD47**, and if you desaturate by 10%, it is **CADD73**.

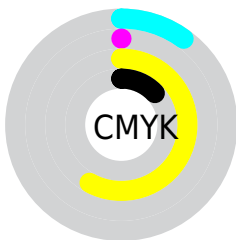
Distribution



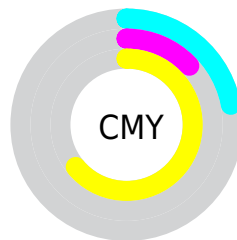
- Red (78%)
- Green (87%)
- Blue (36%)



- Red (36%)
- Yellow (87%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (58%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6DD5D 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 C6DD5D by changing the saturation by 10% instead.

 C6DD5D

 C6DD5D

FFFFFF

 A9C142

 FFFF93

 8DA625

 FFFF93

 728C00

 FFFFCC

 577200

 FFFF93

 3D5900

 224200

 042C00

 001700

 000000

 C6DD5D

 C6DD5D

 C2DD47

 CADD73

 BEDD31

 CEDD89

 BADD1B

 D2DD9F

 B6DD05

 D6DDB5

 B5DD00

 DADDCC

 DEDDE2

 E2DDF8

 E6DDFF

 EADDFE

Harmonies

Analogous

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



FFCA55



C6DD5D



7CE987

Triad

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



C6DD5D



00EAFB



FF9FE2

Complementary

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



C6DD5D



745DDD

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.



FFAFFF



C6DD5D



00DDFF

Square

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



C6DD5D



00F0FF



BFC8FF



FFA1A6

Rectangle

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



C6DD5D



1DEEAD



BFC8FF



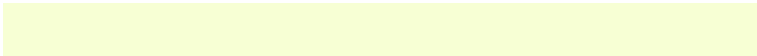
FFA3F6

Sweetspot

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



C6DD5D



F7FFD4



DD725D



7B8066



000000



808080

Same Dimension

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



C6DD5D



DFFF4D



88DD5D



6C6E63



8EAD00



262E00

Inverse Universe

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



745DDD



6D4DFF



B25DDD



65636E



1F00AD



08002E

Previews

White Background



This preview shows how the Hex color C6DD5D looks on a white background.

Color Contrast Check

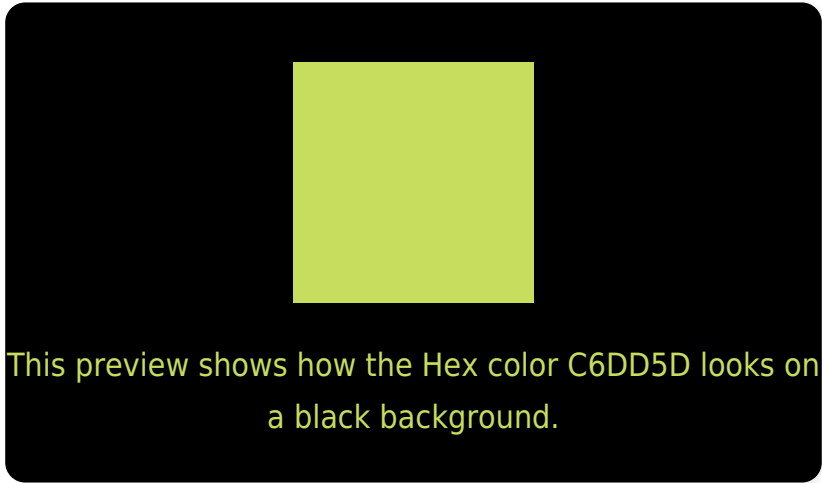
Large Text (above 18pt) WCAG AA × Fail

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 C6DD5D Background



This preview shows how black text looks on a background with the Hex color C6DD5D.

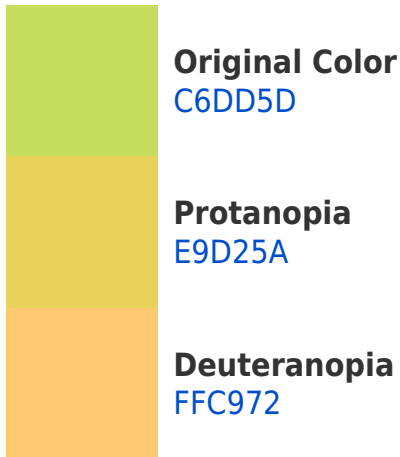


This preview shows how white text looks on a background with the Hex color C6DD5D.

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](#).

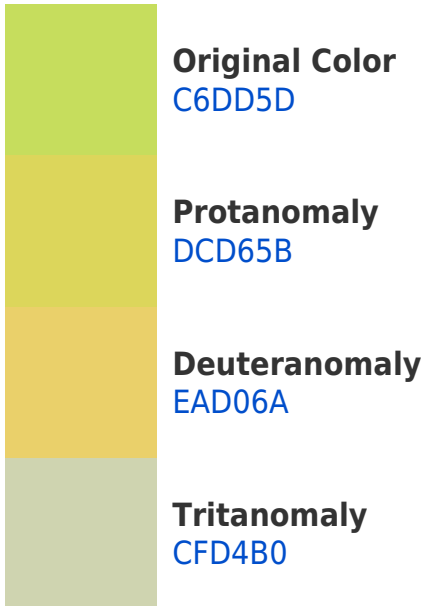
Dichromacy



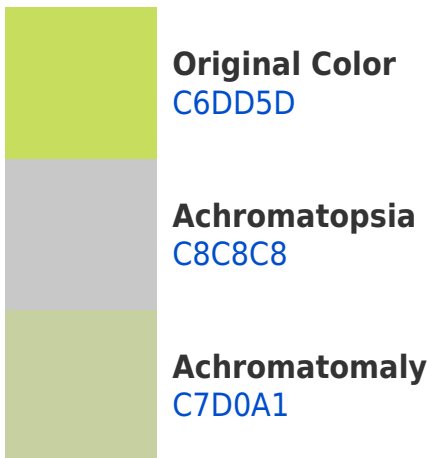


Tritanopia
D4CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6DD5D 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 #C6DD5D looks like.

```
.text, #text, p{  
    color:#C6DD5D  
}
```

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 #C6DD5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DD5D
}
```

Border

The CSS property to change the border of an element to Hex C6DD5D 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
#C6DD5D }
```

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

```
.border{ border-color:#C6DD5D }
```

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

Here you see how a box with a 4 pixel #C6DD5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DD5D; -webkit-box-shadow:4px 4px  
4px 4px #C6DD5D; box-shadow:4px 4px 4px  
4px #C6DD5D }
```

Background

The CSS property to change the background color of an element to Hex C6DD5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DD5D }
```

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

```
.background{ background-color:#C6DD5D }
```

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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