

# Converting Colors

Hex(C6DD79)

Have a look what the booklet for  
Hex(C6DD79) contains.

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# **Color**

**Hex(C6DD79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6DD79
RGB	198, 221, 121
RGB Percent	78%, 87%, 47%
CMY	0.2235, 0.1333, 0.5255
CMYK	0.10, 0.00, 0.45, 0.13
HSL	74°, 60%, 67%
HSV	74°, 45%, 87%
XYZ	52.5963, 65.0991, 27.8824
YIQ	202.7230, 18.3920, -35.9760

# Conversions

## Conversions Part 2

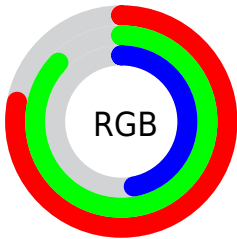
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 221, 144
Decimal	13032825
CIELab	84.53, -22.84, 46.33
CIELCh	85, 51.656, 116.246
Yxy	65.0991, 0.3613, 0.4472
Android (android.graphics.Color)	4291222905 (0xFFC6DD79)
YUV	202.7230, -40.2894, -4.1421
Hunter-Lab	80.6840, -24.8364, 35.9897

# Details

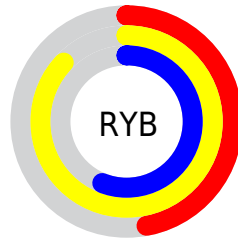
The Hex color **C6DD79** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9079DD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFAF**, and **8EA645** is the 20% darker color. If you saturate the color by 10%, you get **C1DD63**, and if you desaturate by 10%, it is **CBDD8F**.

# Distribution



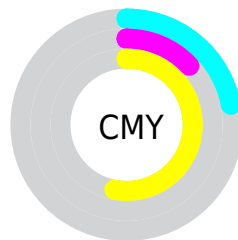
- Red (78%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6DD79 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 C6DD79 by changing the saturation by 10% instead.



 C6DD79

FFFFFF

 FFFFFAF

 FFFFCB

 FFFFE8

 C6DD79

 AAC15F

 8EA645

 748C2C

 59720F

 405900

 274200

 0C2C00

 001800

 000000

 C6DD79

 C6DD79

 C1DD63

 CBDD8F

 BCDD4D

 D0DDA5

 B7DD37

 D5DDBB

 B2DD21

 DADDD1

 ADDD0A

 DFDDE8

 AADD00

 E4DDFE

 EADDFE

 EFDDFF

 F4DDFF

# Harmonies

## Analogous

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



F7CE70



C6DD79



8BE79B

# Triad

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



C6DD79



00E6FF



FFACDB

# Complementary

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



C6DD79



9079DD

# 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.



FFB7FF



C6DD79



77DAFF

# Square

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



C6DD79



00ECFD



CEC9FF



FFAFAA

# Rectangle

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



C6DD79



5AEBBA



CEC9FF



FFAEEC

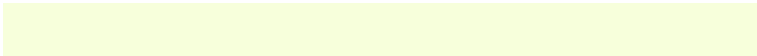


# Sweetspot

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



C6DD79



F7FFDB



DD8F79



7B806A



000000



808080



# Same Dimension

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



C6DD79



DFFF75



95DD79



6B6E63



86AD00



232E00



# Inverse Universe

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



9079DD



9575FF



C179DD



65636E



2800AD

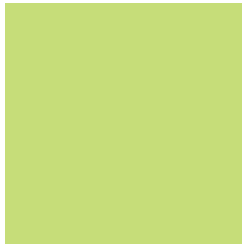


0B002E



# Previews

## White Background



This preview shows how the Hex color C6DD79 looks on a white background.

## Color Contrast Check

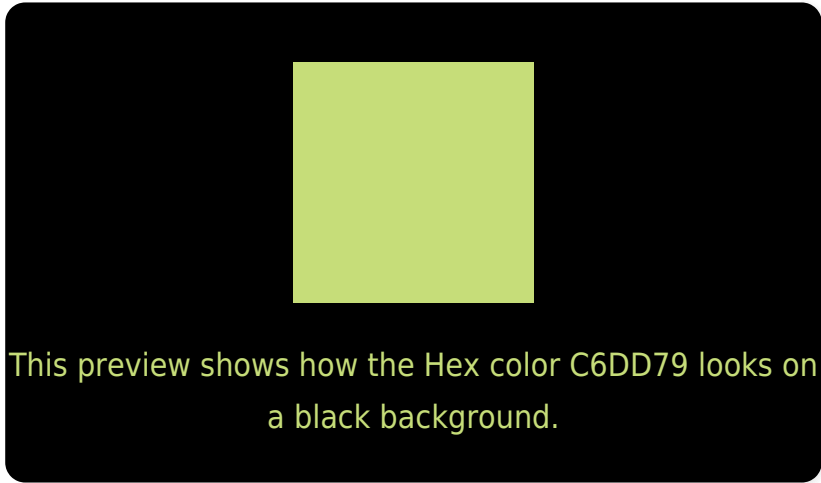
Large Text (above 18pt) WCAG AA × Fail

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 C6DD79 Background



This preview shows how black text looks on a background with the Hex color C6DD79.

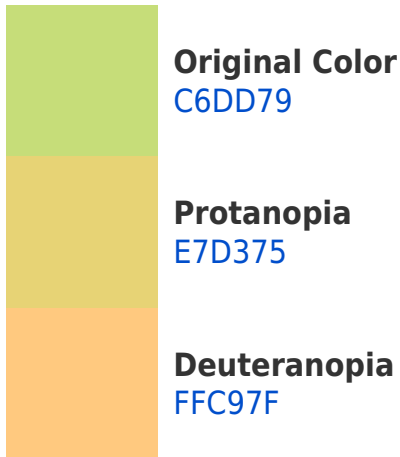


This preview shows how white text looks on a background with the Hex color C6DD79.

# 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](#).

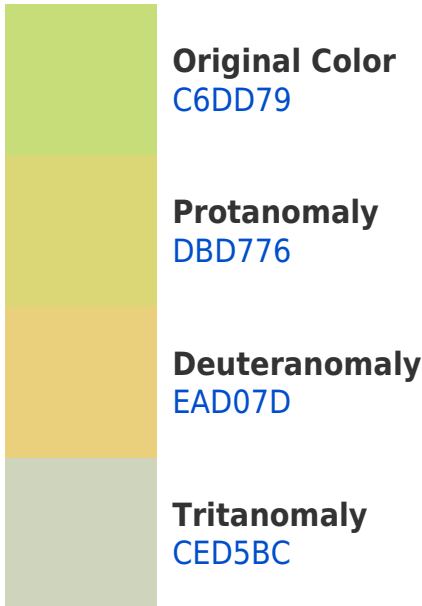
## Dichromacy



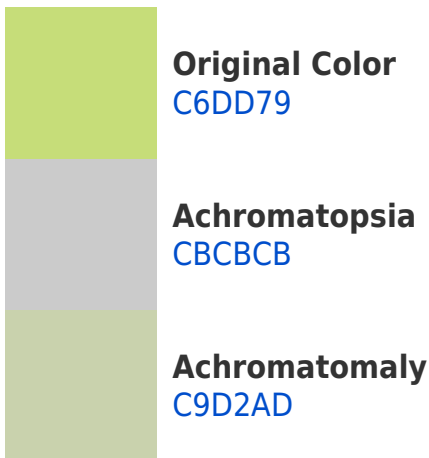


**Tritanopia**  
D3D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6DD79 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 #C6DD79 looks like.

```
.text, #text, p{  
    color:#C6DD79  
}
```

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 #C6DD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DD79
}
```

## Border

The CSS property to change the border of an element to Hex C6DD79 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
#C6DD79 }
```

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

```
.border{ border-color:#C6DD79 }
```

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

Here you see how a box with a 4 pixel #C6DD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DD79; -webkit-box-shadow:4px 4px  
4px 4px #C6DD79; box-shadow:4px 4px 4px  
4px #C6DD79 }
```

# Background

The CSS property to change the background color of an element to Hex C6DD79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DD79 }
```

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

```
.background{ background-color:#C6DD79 }
```

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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