

Converting Colors

Hex(C4DD79)

Have a look what the booklet for
Hex(C4DD79) contains.

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Color

Hex(C4DD79)

Conversions

Conversions Part 1

Format	Color
Hex	C4DD79
RGB	196, 221, 121
RGB Percent	77%, 87%, 47%
CMY	0.2314, 0.1333, 0.5255
CMYK	0.11, 0.00, 0.45, 0.13
HSL	75°, 60%, 67%
HSV	75°, 45%, 87%
XYZ	52.0726, 64.8291, 27.8579
YIQ	202.1250, 17.2000, -36.4000

Conversions

Conversions Part 2

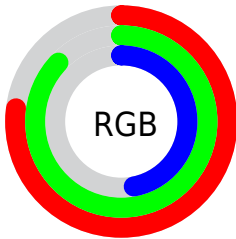
Format	Color
RYB	121, 221, 146
Decimal	12901753
CIELab	84.40, -23.61, 46.13
CIELCh	84, 51.820, 117.106
Yxy	64.8291, 0.3597, 0.4478
Android (android.graphics.Color)	4291091833 (0xFFC4DD79)
YUV	202.1250, -39.9946, -5.3716
Hunter-Lab	80.5165, -25.4624, 35.8478

Details

The Hex color **C4DD79** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9279DD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FEFFAF**, and **8DA645** is the 20% darker color. If you saturate the color by 10%, you get **BEDD63**, and if you desaturate by 10%, it is **CADD8F**.

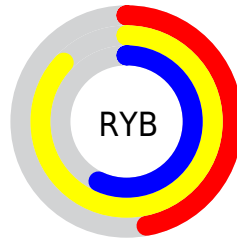
Distribution



Red (77%)

Green (87%)

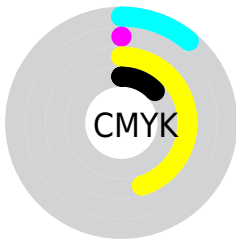
Blue (47%)



Red (47%)

Yellow (87%)

Blue (57%)

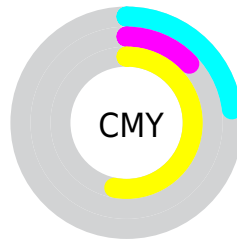


Cyan (11%)

Magenta (0%)

Yellow (45%)

Black (13%)



Cyan (23%)

Magenta (13%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4DD79 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 C4DD79 by changing the saturation by 10% instead.

 C4DD79

FFFFFF

 FEFFAF

 FFFFCB

 FFFFE8

 C4DD79

 A8C15F

 8DA645

 728C2C

 58720F

 3E5900

 264200

 092B00

 001800

 000000

 C4DD79

 C4DD79

 BEDD63

 CADD8F

 B9DD4D

 CFDDA5

 B3DD37

 D5DDBB

 AEDD21

 DADDD1

 A8DD0A

 E0DDE8

 A6DD00

 E5DDFE

 EBDDFF

 F0DDFF

 F6DDFF

Harmonies

Analogous

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



F5CE6F



C4DD79



89E79C

Triad

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



C4DD79



00E5FF



FFABD9

Complementary

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



C4DD79



9279DD

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.



FFB6FF



C4DD79



79D9FF

Square

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



C4DD79



00EBFE



D0C8FF



FFAEA9

Rectangle

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



C4DD79



56EBBB



D0C8FF



FFADEA

Sweetspot

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



C4DD79



F6FFDB



DD9279



7A806A



000000



808080

Same Dimension

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



C4DD79



DFF75



92DD79



6B6E63



82AD00



222E00

Inverse Universe

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



9279DD



9875FF



C479DD



65636E



2B00AD



0B002E

Previews

White Background



This preview shows how the Hex color C4DD79 looks on a white background.

Color Contrast Check

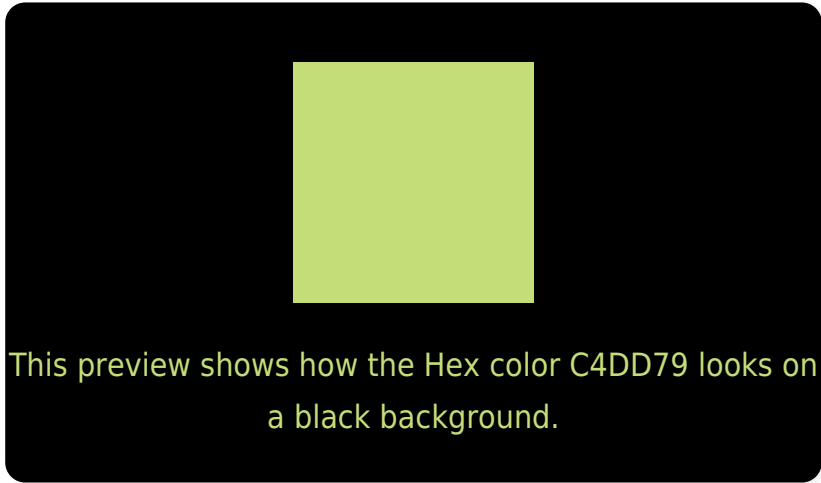
Large Text (above 18pt) WCAG AA × Fail

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 C4DD79 Background



This preview shows how black text looks on a background with the Hex color C4DD79.

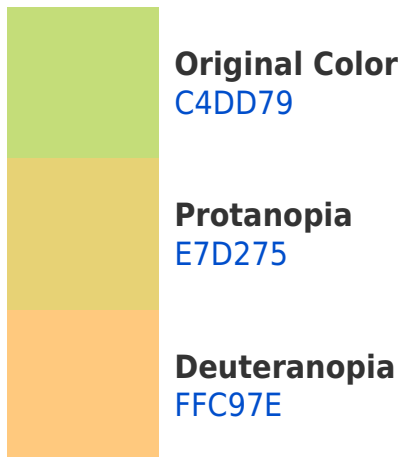


This preview shows how white text looks on a background with the Hex color C4DD79.

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](#).

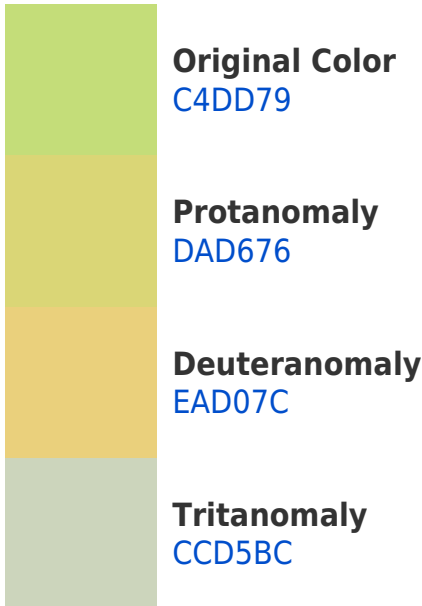
Dichromacy



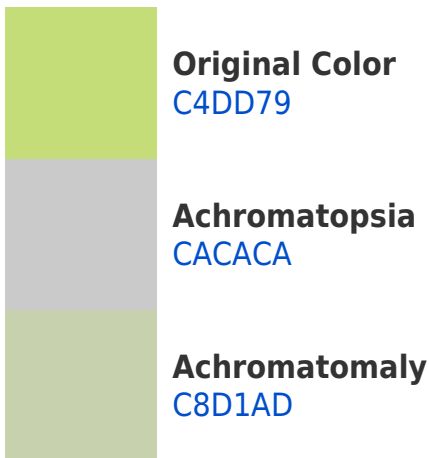


Tritanopia
D1D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4DD79 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 #C4DD79 looks like.

```
.text, #text, p{  
    color:#C4DD79  
}
```

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 #C4DD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DD79
}
```

Border

The CSS property to change the border of an element to Hex C4DD79 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
#C4DD79 }
```

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

```
.border{ border-color:#C4DD79 }
```

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

Here you see how a box with a 4 pixel #C4DD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DD79; -webkit-box-shadow:4px 4px  
4px 4px #C4DD79; box-shadow:4px 4px 4px  
4px #C4DD79 }
```

Background

The CSS property to change the background color of an element to Hex C4DD79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DD79 }
```

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

```
.background{ background-color:#C4DD79 }
```

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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