

Converting Colors

Hex(C3DB79)

Have a look what the booklet for
Hex(C3DB79) contains.

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Color

Hex(C3DB79)

Conversions

Conversions Part 1

Format	Color
Hex	C3DB79
RGB	195, 219, 121
RGB Percent	76%, 86%, 47%
CMY	0.2353, 0.1412, 0.5255
CMYK	0.11, 0.00, 0.45, 0.14
HSL	75°, 58%, 67%
HSV	75°, 45%, 86%
XYZ	51.2884, 63.6456, 27.6708
YIQ	200.6520, 17.1540, -35.5660

Conversions

Conversions Part 2

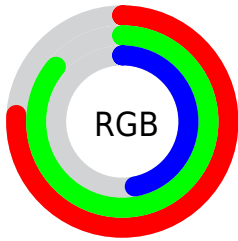
Format	Color
RYB	121, 219, 145
Decimal	12835705
CIELab	83.78, -23.03, 45.35
CIElCh	84, 50.864, 116.916
Yxy	63.6456, 0.3597, 0.4463
Android (android.graphics.Color)	4291025785 (0xFFC3DB79)
YUV	200.6520, -39.2684, -4.9568
Hunter-Lab	79.7782, -24.8565, 35.2802

Details

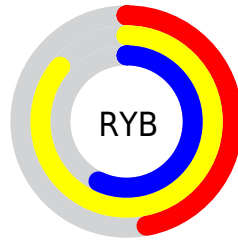
The Hex color **C3DB79** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9179DB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FDFFAF**, and **8CA446** is the 20% darker color. If you saturate the color by 10%, you get **BEDB63**, and if you desaturate by 10%, it is **C8DB8F**.

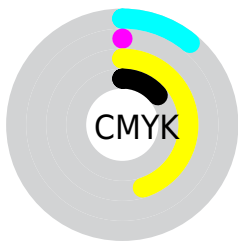
Distribution



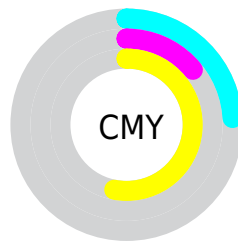
- Red (76%)
- Green (86%)
- Blue (47%)



- Red (47%)
- Yellow (86%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3DB79 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 C3DB79 by changing the saturation by 10% instead.

 C3DB79

 C3DB79

FFFFFF

 A7BF5F

 FDFFAF

 8CA446

 FFFFCB

 718A2C

 FFFFE7

 577010

 3D5800

 254000

 092A00

 001600

 000000

 C3DB79

 C3DB79

 BEDB63

 C8DB8F

 B8DB4D

 CEDBA5

 B3DB37

 D3DBBB

 AEDB21

 D8DBD1

 A8DB0C

 DEDBE7

 A5DB00

 E3DBFC

 E9DBFF

 EEDBFF

 F3DBFF

Harmonies

Analogous

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



F3CC70



C3DB79



89E59B

Triad

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



C3DB79



00E3FF



FFABD8

Complementary

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



C3DB79



9179DB

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.



FFB5FF



C3DB79



7AD7FF

Square

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



C3DB79



00E9FB



CEC6FF



FFAEA8

Rectangle

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



C3DB79



59E9BA



CEC6FF



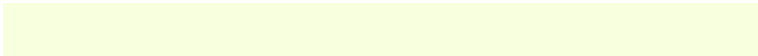
FFADE8

Sweetspot

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



C3DB79



F7FFDE



DB9079



7B806B



000000



808080

Same Dimension

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



C3DB79



DFF75



93DB79



6B6E63



83AD00



232E00

Inverse Universe

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



9179DB



9775FF



C179DB



65636E



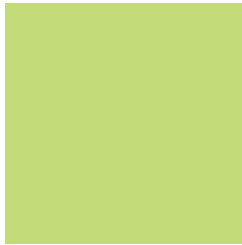
2A00AD



0B002E

Previews

White Background



This preview shows how the Hex color C3DB79 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



This preview shows how the Hex color C3DB79 looks on a 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 C3DB79 Background



This preview shows how black text looks on a background with the Hex color C3DB79.

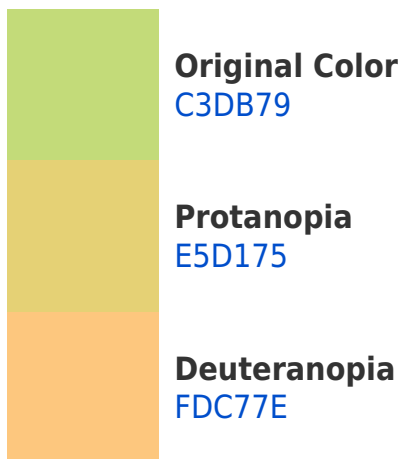


This preview shows how white text looks on a background with the Hex color C3DB79.

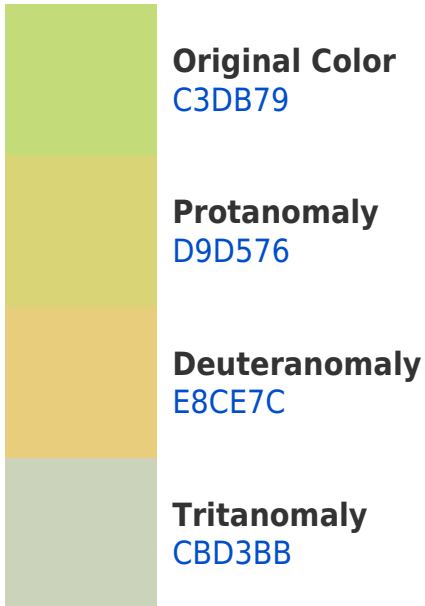
Color Blindness Simulation

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](#).

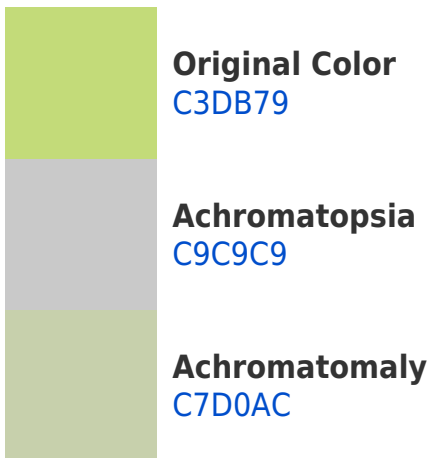
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3DB79 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 #C3DB79 looks like.

```
.text, #text, p{  
    color:#C3DB79  
}
```

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 #C3DB79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DB79
}
```

Border

The CSS property to change the border of an element to Hex C3DB79 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
#C3DB79 }
```

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

```
.border{ border-color:#C3DB79 }
```

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

Here you see how a box with a 4 pixel #C3DB79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DB79; -webkit-box-shadow:4px 4px  
4px 4px #C3DB79; box-shadow:4px 4px 4px  
4px #C3DB79 }
```

Background

The CSS property to change the background color of an element to Hex C3DB79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DB79 }
```

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

```
.background{ background-color:#C3DB79 }
```

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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