

# Converting Colors

Hex(C8CD79)

Have a look what the booklet for  
Hex(C8CD79) contains.

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# **Color**

**Hex(C8CD79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8CD79
RGB	200, 205, 121
RGB Percent	78%, 80%, 47%
CMY	0.2157, 0.1961, 0.5255
CMYK	0.02, 0.00, 0.41, 0.20
HSL	64°, 46%, 64%
HSV	64°, 41%, 80%
XYZ	49.1019, 57.3225, 26.5656
YIQ	193.9290, 23.9840, -27.1840

# Conversions

## Conversions Part 2

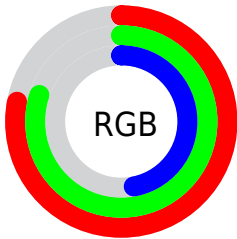
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 205, 126
Decimal	13159801
CIELab	80.36, -14.15, 41.17
CIELCh	80, 43.530, 108.971
Yxy	57.3225, 0.3692, 0.4310
Android (android.graphics.Color)	4291349881 (0xFFC8CD79)
YUV	193.9290, -35.9540, 5.3243
Hunter-Lab	75.7116, -16.7311, 32.1946

# Details

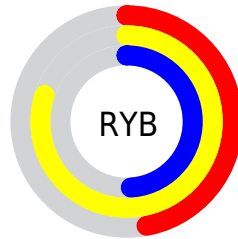
The Hex color **C8CD79** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7E79CD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFFAF**, and **919746** is the 20% darker color. If you saturate the color by 10%, you get **C7CD65**, and if you desaturate by 10%, it is **C9CD8E**.

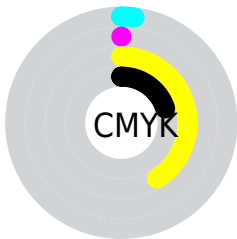
# Distribution



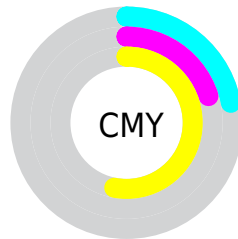
- Red (78%)
- Green (80%)
- Blue (47%)



- Red (47%)
- Yellow (80%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8CD79 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 C8CD79 by changing the saturation by 10% instead.



 C8CD79

FFFFFF

 FFFFAF

 FFFFCA

 FFFFE7

 C8CD79

 ACB25F

 919746

 767D2E

 5C6414

 434C00

 2B3600

 122000

 000200

 000000

 C8CD79

 C8CD79

 C7CD65

 C9CD8E

 C6CD50

 CACDA2

 C4CD3C

 CCCDB7

 C3CD27

 CDCDCB

 C2CD13

 CECDE0

 C1CD00

 CFCDF4

 D1CFFF

 D2CFFF

 D3CFFF

# Harmonies

## Analogous

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



EFC077



C8CD79



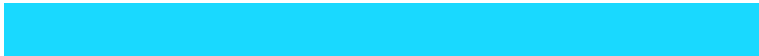
9AD791

# Triad

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



C8CD79



19D9FF



FFA9D8

# Complementary

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



C8CD79



7E79CD

# 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.



ECB4FD



C8CD79



70D0FF

# Square

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



C8CD79



1DDDE0



B6C2FF



FFA9AF

# Rectangle

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



C8CD79



77DBA9



B6C2FF



FFACE5



# Sweetspot

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



C8CD79



FDFFE0



CD7D79



7E806E



000000



808080



# Same Dimension

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



C8CD79



F8FF82



9FCD79



65665C



9CA600



242600



# Inverse Universe

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



7E79CD



8982FF



A779CD



5C5C66



0A00A6



020026



# Previews

## White Background



This preview shows how the Hex color C8CD79 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 C8CD79 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

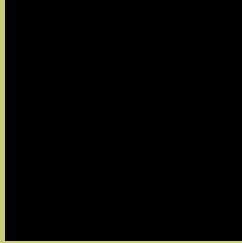
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8CD79 Background



This preview shows how black text looks on a background with the Hex color C8CD79.

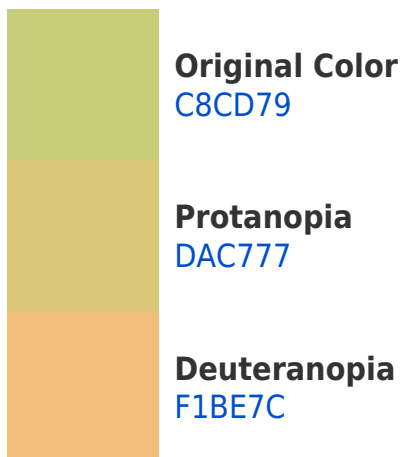


This preview shows how white text looks on a background with the Hex color C8CD79.

# 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](#).

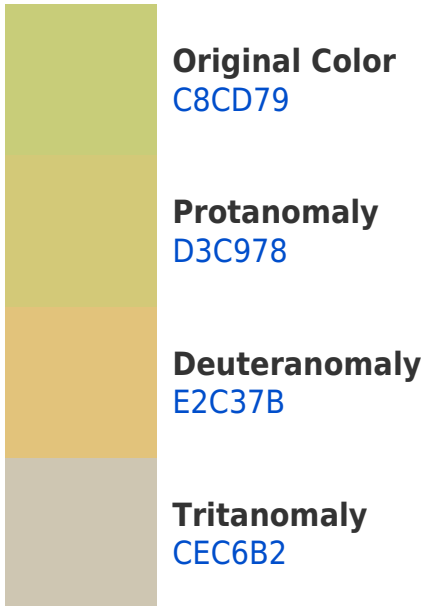
## Dichromacy



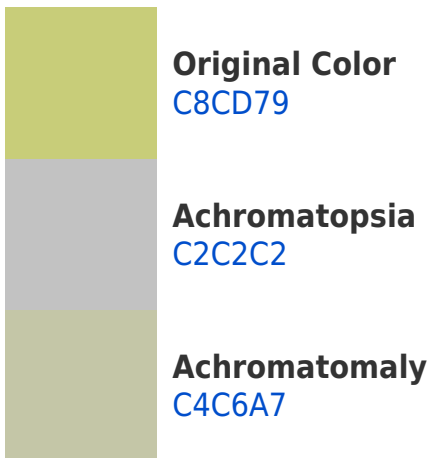


**Tritanopia**  
D2C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8CD79 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 #C8CD79 looks like.

```
.text, #text, p{  
    color:#C8CD79  
}
```

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 #C8CD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8CD79
}
```

## Border

The CSS property to change the border of an element to Hex C8CD79 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
#C8CD79 }
```

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

```
.border{ border-color:#C8CD79 }
```

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

Here you see how a box with a 4 pixel #C8CD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8CD79; -webkit-box-shadow:4px 4px  
4px 4px #C8CD79; box-shadow:4px 4px 4px  
4px #C8CD79 }
```

# Background

The CSS property to change the background color of an element to Hex C8CD79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8CD79 }
```

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

```
.background{ background-color:#C8CD79 }
```

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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