

# Converting Colors

Hex(CDC79E)

Have a look what the booklet for  
Hex(CDC79E) contains.

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# **Color**

**Hex(CDC79E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC79E
RGB	205, 199, 158
RGB Percent	80%, 78%, 62%
CMY	0.1961, 0.2196, 0.3804
CMYK	0.00, 0.03, 0.23, 0.20
HSL	52°, 32%, 71%
HSV	52°, 23%, 80%
XYZ	51.7718, 56.2946, 40.4850
YIQ	196.1200, 16.7370, -11.4790

# Conversions

## Conversions Part 2

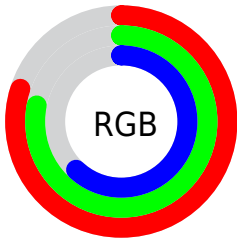
Format	Color
<a href="#">RYB</a>	<a href="#">165, 205, 158</a>
Decimal	<a href="#">13485982</a>
CIELab	<a href="#">79.78, -4.51, 21.32</a>
CIELCh	<a href="#">80, 21.795, 101.943</a>
Yxy	<a href="#">56.2946, 0.3485, 0.3790</a>
Android (android.graphics.Color)	<a href="#">4291676062 (0xFFCDC79E)</a>
YUV	<a href="#">196.1200, -18.7932, 7.7878</a>
Hunter-Lab	<a href="#">75.0297, -8.1339, 20.5287</a>

# Details

The Hex color **CDC79E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9EA4CD**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFFD5**, and **96916A** is the 20% darker color. If you saturate the color by 10%, you get **CDC48A**, and if you desaturate by 10%, it is **CDCAB3**.

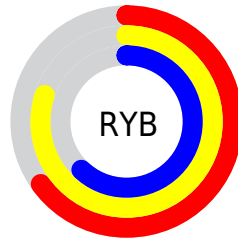
# Distribution



Red (80%)

Green (78%)

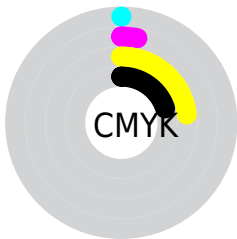
Blue (62%)



Red (65%)

Yellow (80%)

Blue (62%)

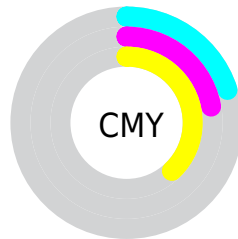


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDC79E 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 CDC79E by changing the saturation by 10% instead.



 CDC79E

FFFFFF

 FFFFD5

 FFFFF1

 CDC79E

 B1AC84


 96916A

 7C7852

 635F3B

 4A4724

 33310F

 1E1C00

 000000

 CDC79E

 CDC79E

 CDC48A

 CDCAB3

 CDC275

 CDCCC7

 CDBF61

 CDCFDC

 CDBD4C

 CDD1F0

 CDBA37

 CDD4FF

 CDB723

 CDD7FF

 CDB50E

 CDD9FF

 CDB300

 CDDCFF

 CDDFFF

# Harmonies

## Analogous

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



E1C0A0



CDC79E



B6CDA7

# Triad

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



CDC79E



90D0E0



E7B9D3

# Complementary

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



CDC79E



9EA4CD

# 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.



D3BEE4



CDC79E



A0CBEC

# Square

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



CDC79E



91D2CD



B9C5ED



F0B7BE

# Rectangle

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



CDC79E



A7D0B2



B9C5ED



E1BAD9

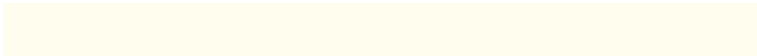


# Sweetspot

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



CDC79E



FFFDED



CD9EA4



807E75



000000



808080



# Same Dimension

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



CDC79E



FFF6B8



BCCD9E



66655C



A69100



262100



# Inverse Universe

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



9EA4CD



B8C1FF



AF9ECD



5C5D66



0015A6

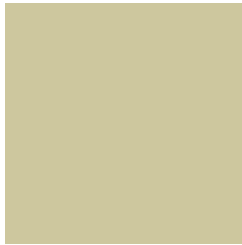


000526



# Previews

## White Background



This preview shows how the Hex color CDC79E looks on a white background.

## Color Contrast Check

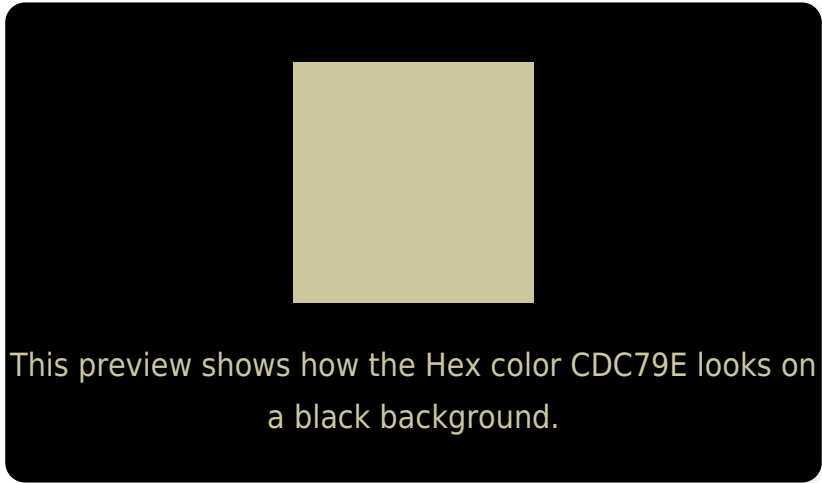
Large Text (above 18pt) WCAG AA × Fail

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

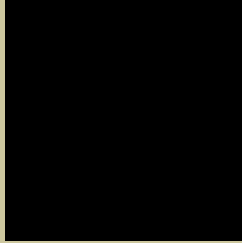
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

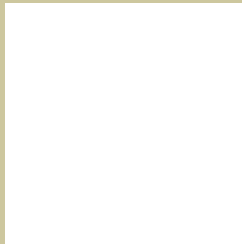
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDC79E Background



This preview shows how black text looks on a background with the Hex color CDC79E.

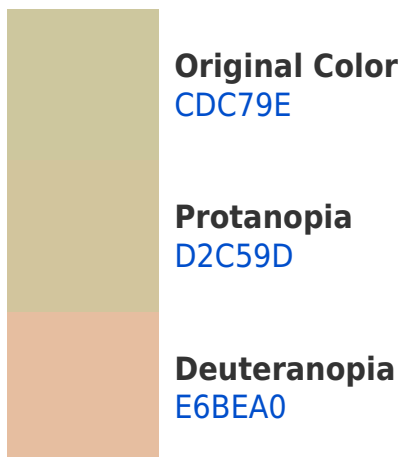


This preview shows how white text looks on a background with the Hex color CDC79E.

# 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](#).

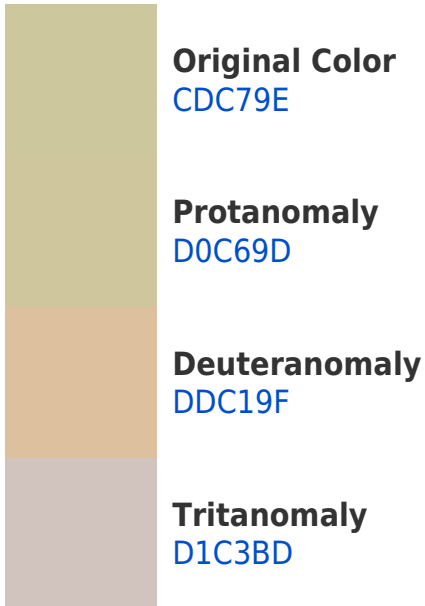
## Dichromacy



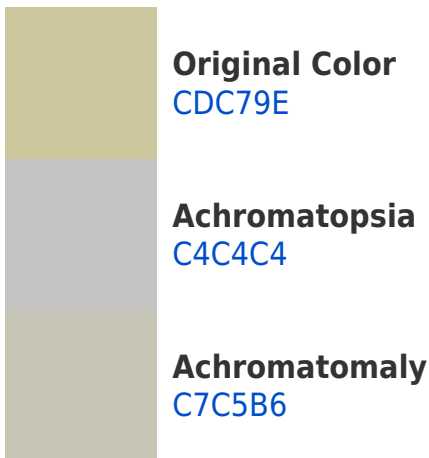


**Tritanopia**  
D3C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDC79E 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 #CDC79E looks like.

```
.text, #text, p{  
    color:#CDC79E  
}
```

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 #CDC79E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC79E
}
```

## Border

The CSS property to change the border of an element to Hex CDC79E 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
#CDC79E }
```

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

```
.border{ border-color:#CDC79E }
```

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

Here you see how a box with a 4 pixel #CDC79E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC79E; -webkit-box-shadow:4px 4px  
4px 4px #CDC79E; box-shadow:4px 4px 4px  
4px #CDC79E }
```

# Background

The CSS property to change the background color of an element to Hex CDC79E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC79E }
```

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

```
.background{ background-color:#CDC79E }
```

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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