

# Converting Colors

Hex(E2CD9E)

Have a look what the booklet for  
Hex(E2CD9E) contains.

<b>Hex(E2CD9E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2CD9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CD9E
RGB	226, 205, 158
RGB Percent	89%, 80%, 62%
CMY	0.1137, 0.1961, 0.3804
CMYK	0.00, 0.09, 0.30, 0.11
HSL	41°, 54%, 75%
HSV	41°, 30%, 89%
XYZ	59.3669, 62.3000, 41.2439
YIQ	205.9210, 27.6030, -10.1650

# Conversions

## Conversions Part 2

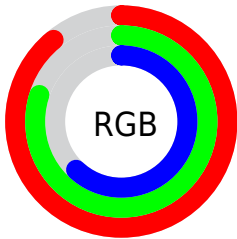
Format	Color
<a href="#">RYB</a>	<a href="#">188, 226, 158</a>
Decimal	<a href="#">14863774</a>
CIELab	<a href="#">83.07, 0.37, 26.11</a>
CIElCh	<a href="#">83, 26.108, 89.196</a>
Yxy	<a href="#">62.3000, 0.3644, 0.3824</a>
Android (android.graphics.Color)	<a href="#">4293053854</a> ( <a href="#">0xFFE2CD9E</a> )
YUV	<a href="#">205.9210, -23.6251, 17.6093</a>
Hunter-Lab	<a href="#">78.9304, -3.8706, 24.2701</a>

# Details

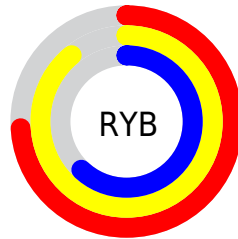
The Hex color **E2CD9E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9EB3E2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFD5**, and **AA976A** is the 20% darker color. If you saturate the color by 10%, you get **E2C687**, and if you desaturate by 10%, it is **E2D4B5**.

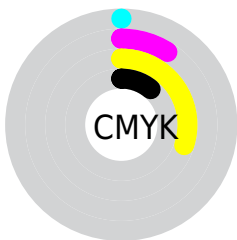
# Distribution



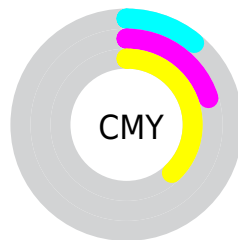
- Red (89%)
- Green (80%)
- Blue (62%)



- Red (74%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2CD9E 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 E2CD9E by changing the saturation by 10% instead.



 E2CD9E

 E2CD9E

FFFFFF

 C6B284

 FFFFD5

 AA976A

 FFFFF1


 8F7D52

 74643A

 5B4C24

 42360E

 2C2100

 110A00

 000000

 E2CD9E

 E2CD9E

 E2C687

 E2D4B5

 E2BF71

 E2DBCB

 E2B85A

 E2E2E2

 E2B144

 E2E9F8

 E2AA2D

 E2F0FF

 E2A316

 E2F7FF

 E29C00

 E2FEFF

 E2FFFF

# Harmonies

## Analogous

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



F6C5A6



E2CD9E



C8D5A4

# Triad

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



E2CD9E



89DCE6



EEC1E8

# Complementary

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



E2CD9E



9EB3E2

# 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.



D2C9FA



E2CD9E



94D8F8

# Square

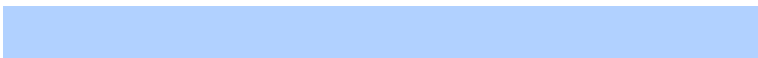
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2CD9E



94DDCD



B1D1FF



FEBDD0

# Rectangle

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



E2CD9E



B5D9AE



B1D1FF



E6C4EF



# Sweetspot

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



E2CD9E



FFF8E8



E29EB4



807B71



000000



808080



# Same Dimension

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



E2CD9E



FFE3A3



D6E29E



706D65



B07A00



302100



# Inverse Universe

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



9EB3E2



A3C0FF



AA9EE2



656870



0036B0



000F30



# Previews

## White Background



This preview shows how the Hex color E2CD9E looks on a white background.

## Color Contrast Check

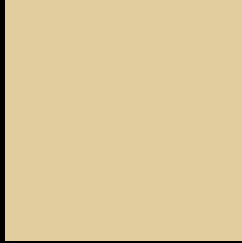
Large Text (above 18pt) WCAG AA × Fail

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 E2CD9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

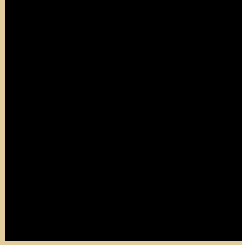
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2CD9E Background



This preview shows how black text looks on a background with the Hex color E2CD9E.

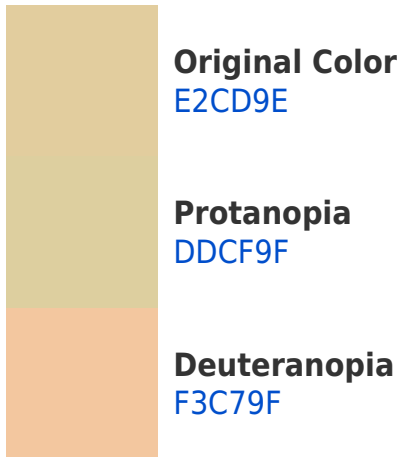


This preview shows how white text looks on a background with the Hex color E2CD9E.

# 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](#).

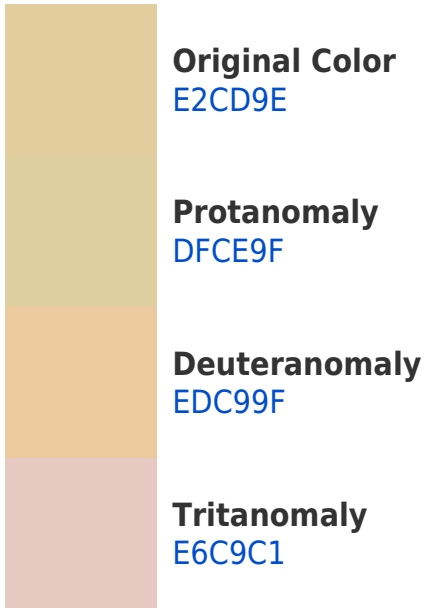
## Dichromacy





**Tritanopia**  
E8C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2CD9E 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 #E2CD9E looks like.

```
.text, #text, p{  
    color:#E2CD9E  
}
```

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 #E2CD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2CD9E
}
```

## Border

The CSS property to change the border of an element to Hex E2CD9E 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
#E2CD9E }
```

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

```
.border{ border-color:#E2CD9E }
```

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

Here you see how a box with a 4 pixel #E2CD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2CD9E; -webkit-box-shadow:4px 4px  
4px 4px #E2CD9E; box-shadow:4px 4px 4px  
4px #E2CD9E }
```

# Background

The CSS property to change the background color of an element to Hex E2CD9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2CD9E }
```

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

```
.background{ background-color:#E2CD9E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor