

# Converting Colors

Hex(E7DD9E)

Have a look what the booklet for  
Hex(E7DD9E) contains.

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# **Color**

**Hex(E7DD9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DD9E
RGB	231, 221, 158
RGB Percent	91%, 87%, 62%
CMY	0.0941, 0.1333, 0.3804
CMYK	0.00, 0.04, 0.32, 0.09
HSL	52°, 60%, 76%
HSV	52°, 32%, 91%
XYZ	64.9830, 71.1704, 42.6601
YIQ	216.8080, 26.1830, -17.4730

# Conversions

## Conversions Part 2

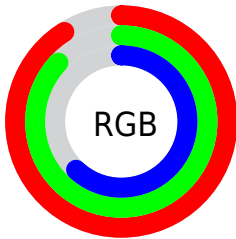
Format	Color
<a href="#">RYB</a>	<a href="#">170, 231, 158</a>
Decimal	<a href="#">15195550</a>
CIELab	<a href="#">87.57, -5.94, 32.22</a>
CIELCh	<a href="#">88, 32.760, 100.438</a>
Yxy	<a href="#">71.1704, 0.3634, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4293385630</a> ( <a href="#">0xFFE7DD9E</a> )
YUV	<a href="#">216.8080, -28.9923, 12.4464</a>
Hunter-Lab	<a href="#">84.3626, -10.1391, 29.0723</a>

# Details

The Hex color **E7DD9E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9EA8E7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFD5**, and **AEA66A** is the 20% darker color. If you saturate the color by 10%, you get **E7DA87**, and if you desaturate by 10%, it is **E7E0B5**.

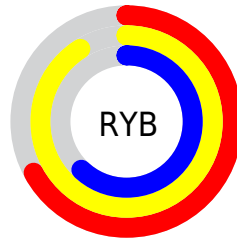
# Distribution



Red (91%)

Green (87%)

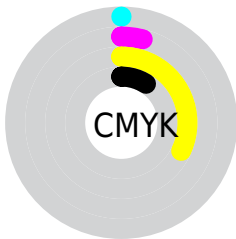
Blue (62%)



Red (67%)

Yellow (91%)

Blue (62%)

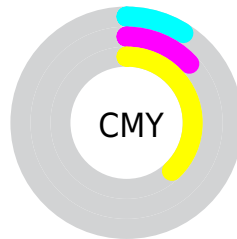


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7DD9E 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 E7DD9E by changing the saturation by 10% instead.



 E7DD9E

 E7DD9E

FFFFFF

 CAC184

 FFFFD5

 AEA66A

 FFFFF2

 938C51

 797239

 5F5A22

 46430A

 2F2D00

 161800

 000000

 E7DD9E

 E7DD9E

 E7DA87

 E7E0B5

 E7D770

 E7E3CC

 E7D459

 E7E6E3

 E7D042

 E7EAFA

 E7CD2B

 E7EDFF

 E7CA13

 E7F0FF

 E7C700

 E7F3FF

 E7F6FF

 E7F9FF

# Harmonies

## Analogous

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



FFD3A1



E7DD9E



C4E6AB

# Triad

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



E7DD9E



7EEBFF



FFC7F1

# Complementary

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



E7DD9E



9EA8E7

# 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.



EED0FF



E7DD9E



99E4FF

# Square

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



E7DD9E



84EDE6



C4DBFF



FFC5D2

# Rectangle

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



E7DD9E



ACEABC



C4DBFF



FFCAFB



# Sweetspot

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



E7DD9E



FFFCE8



E79EA9



807E71



000000



808080

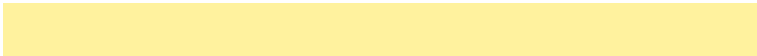


# Same Dimension

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



E7DD9E



FFF29E



CDE79E



737167



B39A00



332C00



# Inverse Universe

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



9EA8E7



9EABFF



B89EE7



676973



0018B3

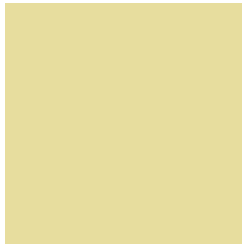


000733



# Previews

## White Background



This preview shows how the Hex color E7DD9E looks on a white background.

## Color Contrast Check

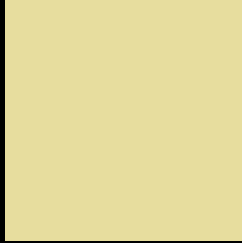
Large Text (above 18pt) WCAG AA × Fail

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 E7DD9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

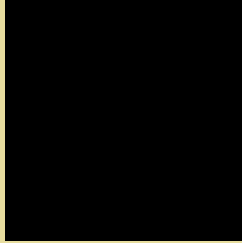
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7DD9E Background



This preview shows how black text looks on a background with the Hex color E7DD9E.

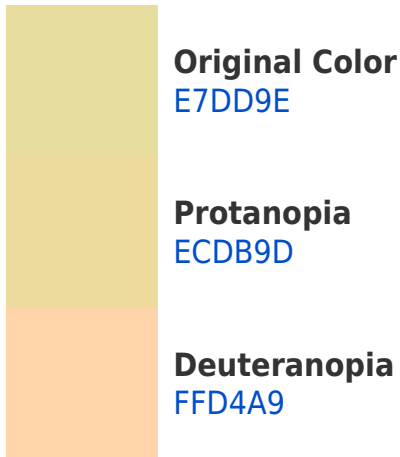


This preview shows how white text looks on a background with the Hex color E7DD9E.

# 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](#).

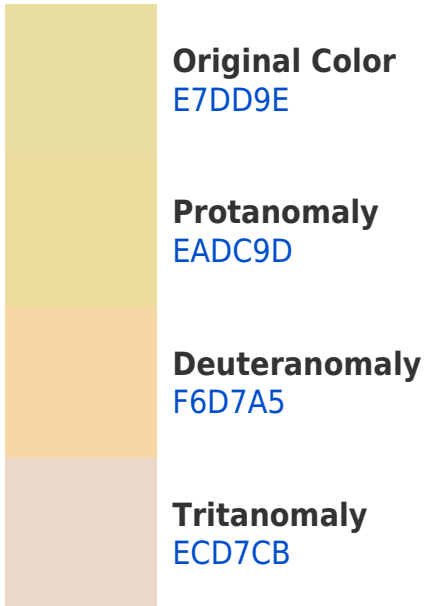
## Dichromacy



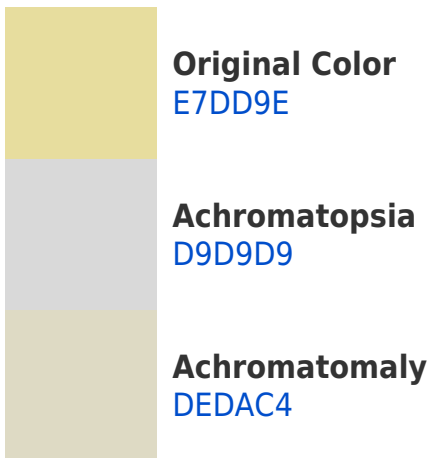


**Tritanopia**  
EFD4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7DD9E 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 #E7DD9E looks like.

```
.text, #text, p{  
    color:#E7DD9E  
}
```

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 #E7DD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7DD9E
}
```

## Border

The CSS property to change the border of an element to Hex E7DD9E 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
#E7DD9E }
```

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

```
.border{ border-color:#E7DD9E }
```

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

Here you see how a box with a 4 pixel #E7DD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7DD9E; -webkit-box-shadow:4px 4px  
4px 4px #E7DD9E; box-shadow:4px 4px 4px  
4px #E7DD9E }
```

# Background

The CSS property to change the background color of an element to Hex E7DD9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7DD9E }
```

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

```
.background{ background-color:#E7DD9E }
```

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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