

# Converting Colors

Hex(E7D984)

Have a look what the booklet for  
Hex(E7D984) contains.

<b>Hex(E7D984)</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(E7D984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D984
RGB	231, 217, 132
RGB Percent	91%, 85%, 52%
CMY	0.0941, 0.1490, 0.4824
CMYK	0.00, 0.06, 0.43, 0.09
HSL	52°, 67%, 71%
HSV	52°, 43%, 91%
XYZ	61.9327, 68.2806, 31.7451
YIQ	211.4960, 35.6290, -23.4670

# Conversions

## Conversions Part 2

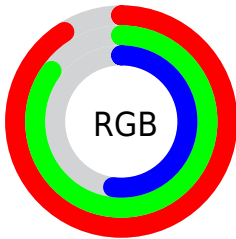
Format	Color
<a href="#">RYB</a>	<a href="#">148, 231, 132</a>
Decimal	<a href="#">15194500</a>
CIELab	<a href="#">86.15, -6.81, 43.50</a>
CIELCh	<a href="#">86, 44.027, 98.901</a>
Yxy	<a href="#">68.2806, 0.3824, 0.4216</a>
Android (android.graphics.Color)	<a href="#">4293384580</a> ( <a href="#">0xFFE7D984</a> )
YUV	<a href="#">211.4960, -39.1915, 17.1050</a>
Hunter-Lab	<a href="#">82.6321, -10.8204, 35.0648</a>

# Details

The Hex color **E7D984** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8492E7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFBA**, and **AEA251** is the 20% darker color. If you saturate the color by 10%, you get **E7D66D**, and if you desaturate by 10%, it is **E7DC9B**.

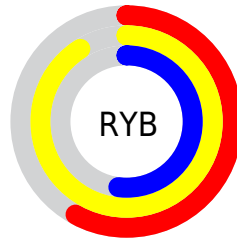
# Distribution



Red (91%)

Green (85%)

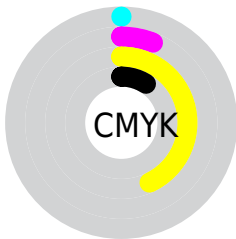
Blue (52%)



Red (58%)

Yellow (91%)

Blue (52%)

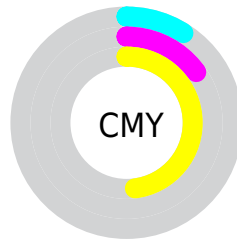


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7D984 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 E7D984 by changing the saturation by 10% instead.



 E7D984

 E7D984

FFFFFF

 CABD6A

 FFFFBA

 AEA251

 FFFFD6

 928838

 FFFFF3

 776F1E

 5D5701

 444000

 2A2A00

 101600

 000000

 E7D984

 E7D984

 E7D66D

 E7DC9B

 E7D256

 E7E0B2

 E7CF3F

 E7E3C9

 E7CC28

 E7E6E0

 E7C911

 E7E9F8

 E7C600

 E7EDFF

 E7F0FF

 E7F3FF

 E7F6FF

# Harmonies

## Analogous

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



FFCB8A



E7D984



B9E495

# Triad

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



E7D984



2CECFF



FFBBF6

# Complementary

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



E7D984



8492E7

# 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.



EDC8FF



E7D984



68E4FF

# Square

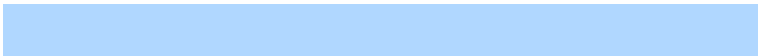
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7D984



4DEEE3



B0D7FF



FFB7CC

# Rectangle

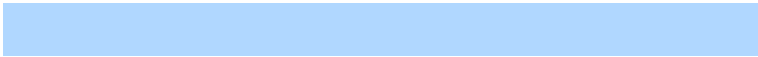
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7D984



98EAAB



B0D7FF



FFBFFF

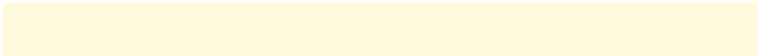


# Sweetspot

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



E7D984



FFFADE



E78493



807D6B



000000



808080



# Same Dimension

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



E7D984



FFED7D



C4E784



737167



B39900



332C00



# Inverse Universe

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



8492E7



7D8FFF



A784E7



676973



0019B3

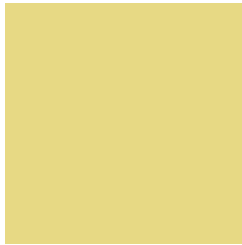


000733



# Previews

## White Background



This preview shows how the Hex color E7D984 looks on a white background.

## Color Contrast Check

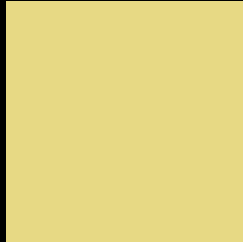
Large Text (above 18pt) WCAG AA × Fail

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 E7D984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

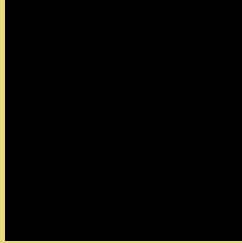
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7D984 Background



This preview shows how black text looks on a background with the Hex color E7D984.

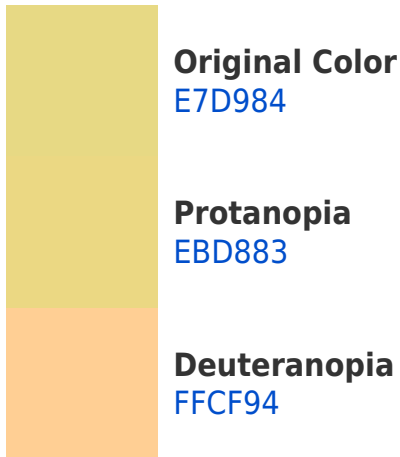


This preview shows how white text looks on a background with the Hex color E7D984.

# Color Blindness Simulation

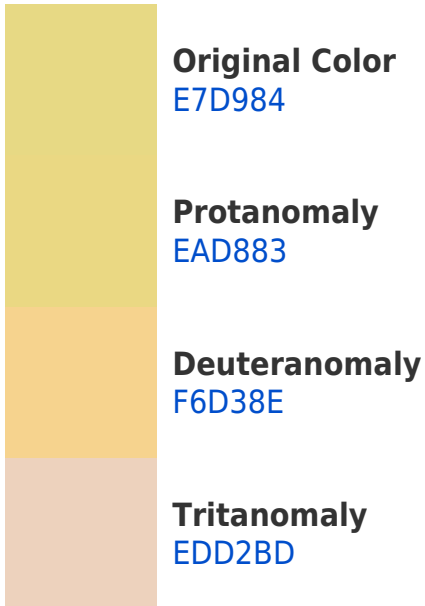
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

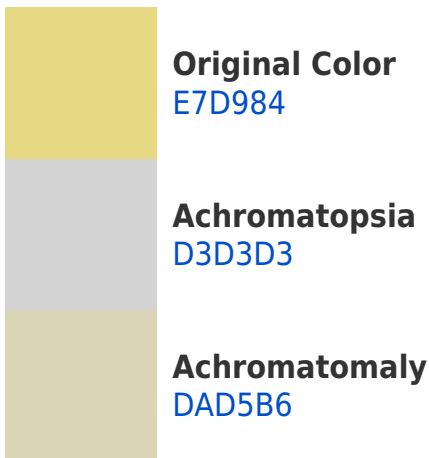




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7D984 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 #E7D984 looks like.

```
.text, #text, p{  
  color:#E7D984  
}
```

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 #E7D984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D984
}
```

## Border

The CSS property to change the border of an element to Hex E7D984 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
#E7D984 }
```

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

```
.border{ border-color:#E7D984 }
```

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

Here you see how a box with a 4 pixel #E7D984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D984; -webkit-box-shadow:4px 4px  
4px 4px #E7D984; box-shadow:4px 4px 4px  
4px #E7D984 }
```

# Background

The CSS property to change the background color of an element to Hex E7D984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D984 }
```

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

```
.background{ background-color:#E7D984 }
```

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