

# Converting Colors

Hex(E7E7B6)

Have a look what the booklet for  
Hex(E7E7B6) contains.

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# **Color**

**Hex(E7E7B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E7B6
RGB	231, 231, 182
RGB Percent	91%, 91%, 71%
CMY	0.0941, 0.0941, 0.2863
CMYK	0.00, 0.00, 0.21, 0.09
HSL	60°, 51%, 81%
HSV	60°, 21%, 91%
XYZ	69.9744, 77.5182, 55.5304
YIQ	225.4140, 15.7290, -15.2390

# Conversions

## Conversions Part 2

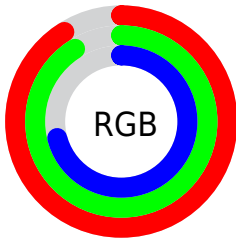
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 231, 182
Decimal	15198134
CIE Lab	90.56, -7.83, 23.93
CIE LCh	91, 25.180, 108.117
Yxy	77.5182, 0.3447, 0.3818
Android (android.graphics.Color)	4293388214 (0xFFE7E7B6)
YUV	225.4140, -21.4031, 4.8989
Hunter-Lab	88.0444, -12.2125, 24.2363

# Details

The Hex color **E7E7B6** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B6B6E7**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFEE**, and **AFB081** is the 20% darker color. If you saturate the color by 10%, you get **E7E79F**, and if you desaturate by 10%, it is **E7E7CD**.

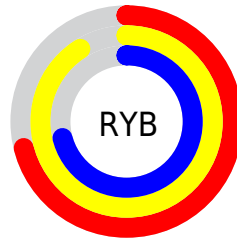
# Distribution



Red (91%)

Green (91%)

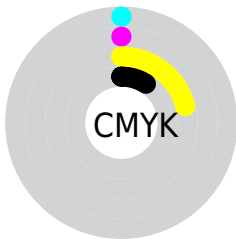
Blue (71%)



Red (71%)

Yellow (91%)

Blue (71%)

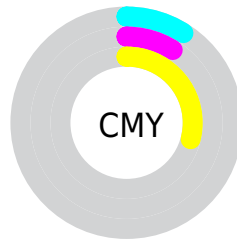


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7E7B6 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 E7E7B6 by changing the saturation by 10% instead.



 E7E7B6

FFFFFF

 FFFFE0

 E7E7B6

 CBCB9B


 AFB081

 949568

 7A7B4F

 616238

 484B21

 31340C

 1C1F00

 000400

 E7E7B6

 E7E7B6

 E7E79F

 E7E7CD

 E7E788

 E7E7E4

 E7E771

 E7E7FB

 E7E75A

 E7E7FF

 E7E742

 E7E72B

 E7E714

 E7E700

# Harmonies

## Analogous

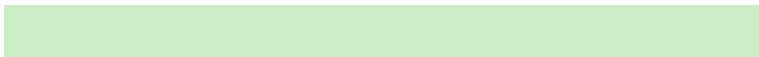
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDFB5



E7E7B6



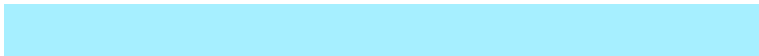
CBEDC3

# Triad

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



E7E7B6



A6EFFF



FFD4EF

# Complementary

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



E7E7B6



B6B6E7

# Split Complementary

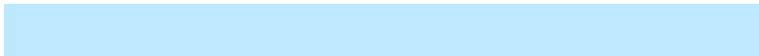
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAD9FF



E7E7B6



BCE9FF

# Square

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



E7E7B6



A3F2F2



DCE1FF



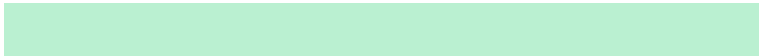
FFD3D6

# Rectangle

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



E7E7B6



BAF0D1



DCE1FF



FFD5F6



# Sweetspot

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



E7E7B6



FFFFF0



E7B6B6



808077



000000



808080



# Same Dimension

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



E7E7B6



FFFFBF



CFE7B6



737367



B3B300



333300



# Inverse Universe

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



B6B6E7



BFBFFF



CFB6E7



676773



0000B3

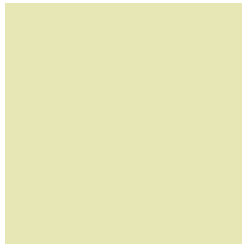


000033



# Previews

## White Background



This preview shows how the Hex color E7E7B6 looks on a white background.

## Color Contrast Check

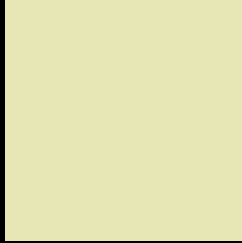
Large Text (above 18pt) WCAG AA × Fail

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 E7E7B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

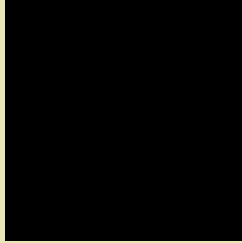
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

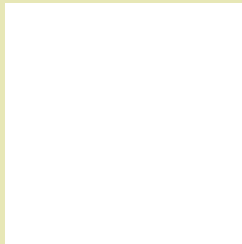
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7E7B6 Background



This preview shows how black text looks on a background with the Hex color E7E7B6.

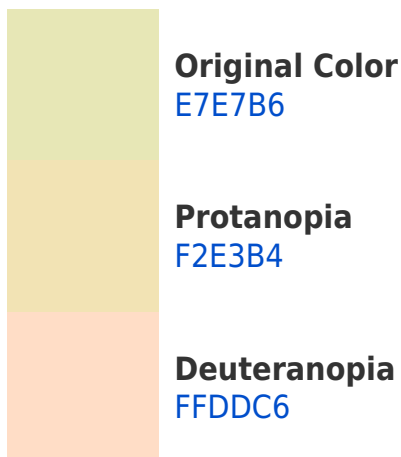


This preview shows how white text looks on a background with the Hex color E7E7B6.

# 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



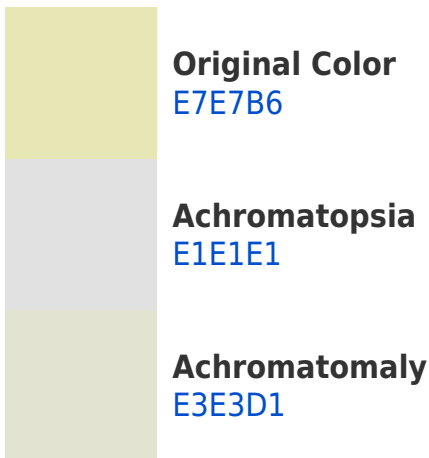


**Tritanopia**  
EFDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7E7B6 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 #E7E7B6 looks like.

```
.text, #text, p{  
    color:#E7E7B6  
}
```

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 #E7E7B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E7B6
}
```

## Border

The CSS property to change the border of an element to Hex E7E7B6 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
#E7E7B6 }
```

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

```
.border{ border-color:#E7E7B6 }
```

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

Here you see how a box with a 4 pixel #E7E7B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E7B6; -webkit-box-shadow:4px 4px  
4px 4px #E7E7B6; box-shadow:4px 4px 4px  
4px #E7E7B6 }
```

# Background

The CSS property to change the background color of an element to Hex E7E7B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E7B6 }
```

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

```
.background{ background-color:#E7E7B6 }
```

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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