

# Converting Colors

Hex(E4E48B)

Have a look what the booklet for  
Hex(E4E48B) contains.

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# **Color**

**Hex(E4E48B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E48B
RGB	228, 228, 139
RGB Percent	89%, 89%, 55%
CMY	0.1059, 0.1059, 0.4549
CMYK	0.00, 0.00, 0.39, 0.11
HSL	60°, 62%, 72%
HSV	60°, 39%, 89%
XYZ	64.3985, 73.8449, 35.2854
YIQ	217.8540, 28.5690, -27.6790

# Conversions

## Conversions Part 2

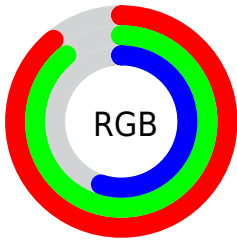
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 228, 139
Decimal	15000715
CIELab	88.85, -12.78, 43.40
CIELCh	89, 45.243, 106.412
Yxy	73.8449, 0.3711, 0.4255
Android (android.graphics.Color)	4293190795 (0xFFE4E48B)
YUV	217.8540, -38.8750, 8.8980
Hunter-Lab	85.9330, -16.6143, 35.8077

# Details

The Hex color **E4E48B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8B8BE4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFC2**, and **ABAD57** is the 20% darker color. If you saturate the color by 10%, you get **E4E474**, and if you desaturate by 10%, it is **E4E4A2**.

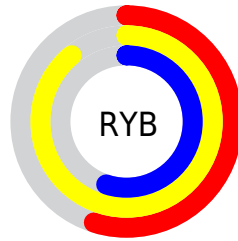
# Distribution



Red (89%)

Green (89%)

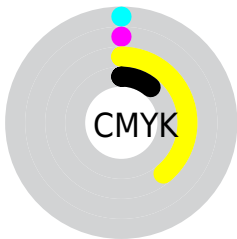
Blue (55%)



Red (55%)

Yellow (89%)

Blue (55%)

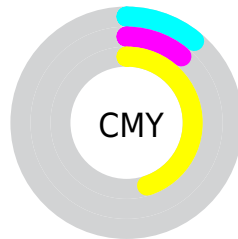


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4E48B 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 E4E48B by changing the saturation by 10% instead.



 E4E48B

 E4E48B

FFFFFF

 C7C871

 FFFFC2

 ABAD57

 FFFFDE

 90923E

 FFFFFB

 757925

 5B6008

 424800

 293200

 0F1D00

 000000

 E4E48B

 E4E48B

 E4E474

 E4E4A2

 E4E45D

 E4E4B9

 E4E447

 E4E4CF

 E4E430

 E4E4E6

 E4E419

 E4E4FD

 E4E402

 E4E4FF

 E4E400

# Harmonies

## Analogous

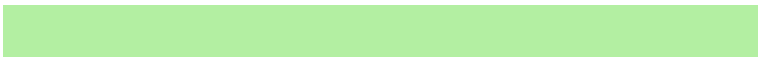
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD68B



E4E48B



B3EFA2

# Triad

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



E4E48B



38F2FF



FFC0F5

# Complementary

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



E4E48B



8B8BE4

# 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.



FFCBFF



E4E48B



7FE9FF

# Square

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



E4E48B



41F6F6



C7DBFF



FFBEC9

# Rectangle

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



E4E48B



90F3BB



C7DBFF



FFC3FF



# Sweetspot

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



E4E48B



FFFFE0



E48B8B



80806E



000000



808080



# Same Dimension

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



E4E48B



FFFF87



B8E48B



737367



B3B300



333300



# Inverse Universe

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



8B8BE4



8787FF



B88BE4



676773



0000B3

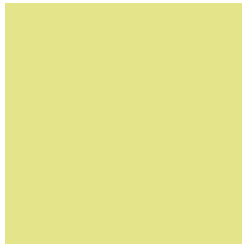


000033



# Previews

## White Background



This preview shows how the Hex color E4E48B looks on a white background.

## Color Contrast Check

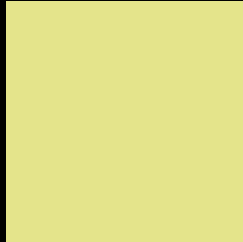
Large Text (above 18pt) WCAG AA × Fail

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 E4E48B 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 E4E48B Background



This preview shows how black text looks on a background with the Hex color E4E48B.

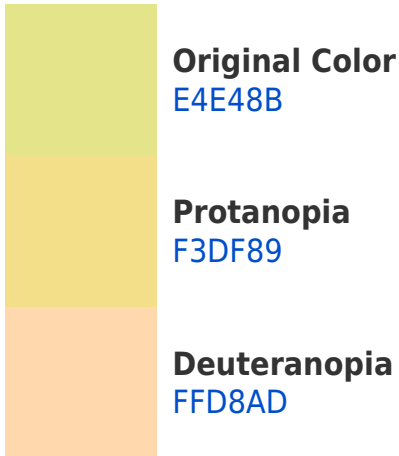


This preview shows how white text looks on a background with the Hex color E4E48B.

# 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](#).

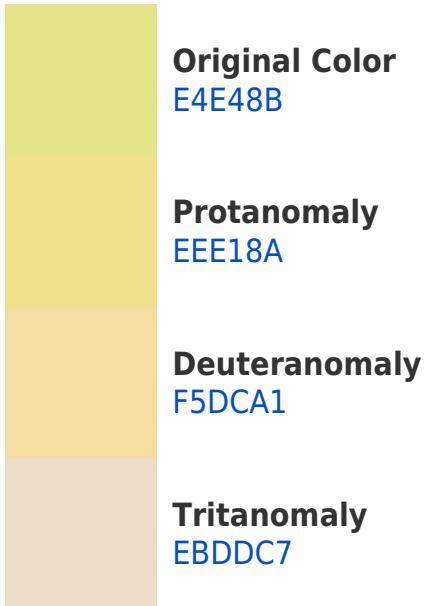
## Dichromacy



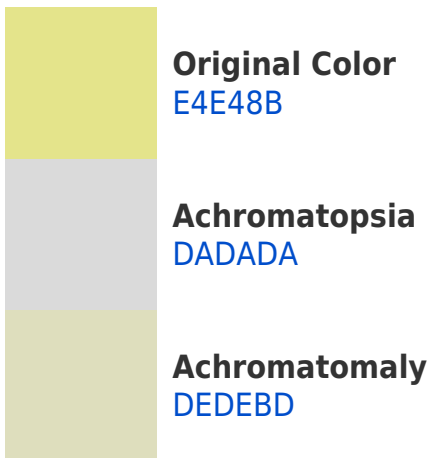


**Tritanopia**  
EFD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4E48B 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 #E4E48B looks like.

```
.text, #text, p{  
    color:#E4E48B  
}
```

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 #E4E48B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4E48B
}
```

## Border

The CSS property to change the border of an element to Hex E4E48B 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
#E4E48B }
```

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

```
.border{ border-color:#E4E48B }
```

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

Here you see how a box with a 4 pixel #E4E48B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4E48B; -webkit-box-shadow:4px 4px  
4px 4px #E4E48B; box-shadow:4px 4px 4px  
4px #E4E48B }
```

# Background

The CSS property to change the background color of an element to Hex E4E48B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4E48B }
```

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

```
.background{ background-color:#E4E48B }
```

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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