

# Converting Colors

Hex(E4E990)

Have a look what the booklet for  
Hex(E4E990) contains.

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**Color**

**Hex(E4E990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E990
RGB	228, 233, 144
RGB Percent	89%, 91%, 56%
CMY	0.1059, 0.0863, 0.4353
CMYK	0.02, 0.00, 0.38, 0.09
HSL	63°, 67%, 74%
HSV	63°, 38%, 91%
XYZ	66.1679, 76.7854, 37.7192
YIQ	221.3590, 25.5890, -28.7390

# Conversions

## Conversions Part 2

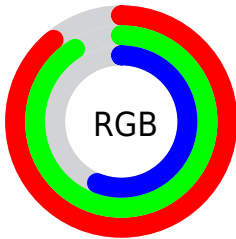
Format	Color
<a href="#">RYB</a>	<a href="#">144, 233, 149</a>
Decimal	<a href="#">15002000</a>
CIELab	<a href="#">90.22, -14.72, 42.68</a>
CIElCh	<a href="#">90, 45.146, 109.027</a>
Yxy	<a href="#">76.7854, 0.3662, 0.4250</a>
Android (android.graphics.Color)	<a href="#">4293192080 (0xFFE4E990)</a>
YUV	<a href="#">221.3590, -38.1380, 5.8242</a>
Hunter-Lab	<a href="#">87.6273, -18.5614, 35.8177</a>

# Details

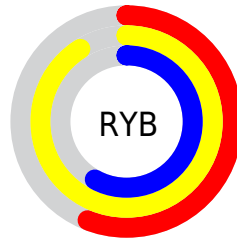
The Hex color **E4E990** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9590E9**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFC7**, and **ABB15C** is the 20% darker color. If you saturate the color by 10%, you get **E3E979**, and if you desaturate by 10%, it is **E5E9A7**.

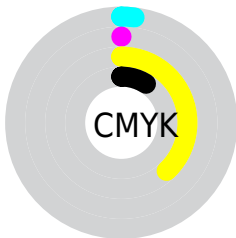
# Distribution



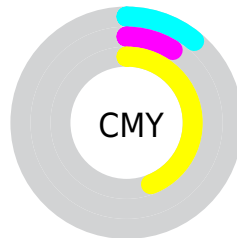
- Red (89%)
- Green (91%)
- Blue (56%)



- Red (56%)
- Yellow (91%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4E990 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 E4E990 by changing the saturation by 10% instead.



 E4E990

 E4E990

FFFFFF

 C7CD76

 FFFFC7

 ABB15C

 FFFF E3

 909743

 757D2A

 5B640F

 424C00

 2A3600

 112000

 000200

 E4E990

 E4E990

 E3E979

 E5E9A7

 E1E961

 E7E9BF

 E0E94A

 E8E9D6

 DFE933

 E9E9ED

 DDE91B

 EBE9FF

 DCE904

 ECE9FF

 DCE900

 EDE9FF

 EEE9FF

 F0E9FF

# Harmonies

## Analogous

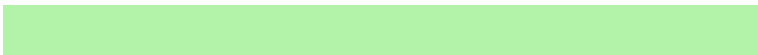
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDB8E



E4E990



B3F3A9

# Triad

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



E4E990



45F6FF



FFC3F5

# Complementary

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



E4E990



9590E9

# 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.



FFCEFF



E4E990



8AECFF

# Square

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



E4E990



44FAFE



D1DEFF



FFC3C9

# Rectangle

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



E4E990



8FF8C3



D1DEFF

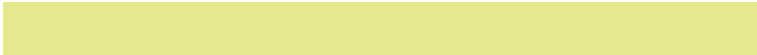


FFC6FF



# Sweetspot

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



E4E990



FDFFE3



E99490



7F806F



000000

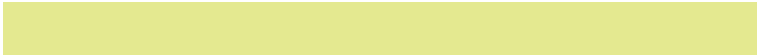


808080



# Same Dimension

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



E4E990



F8FF8A



B8E990



75756A



ABB500



333600



# Inverse Universe

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



9590E9



908AFF



C190E9



6A6A75



0A00B5

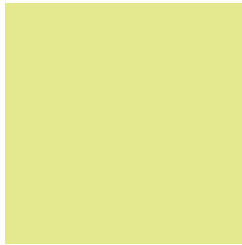


030036



# Previews

## White Background



This preview shows how the Hex color E4E990 looks on a white background.

## Color Contrast Check

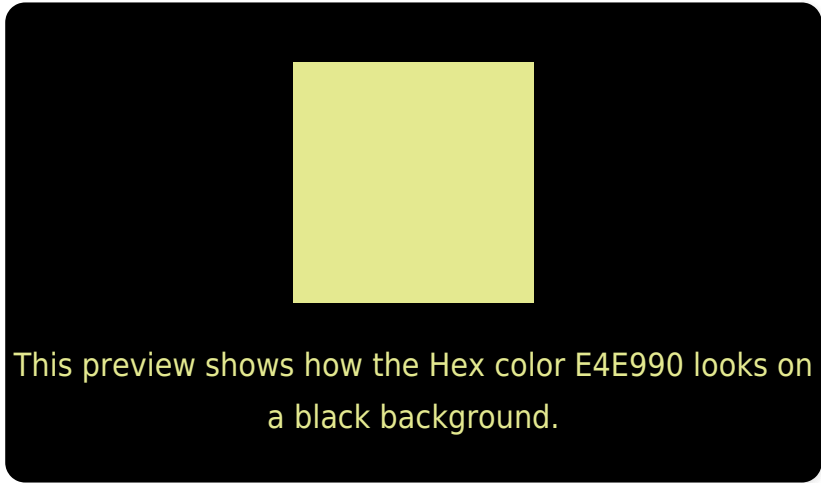
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

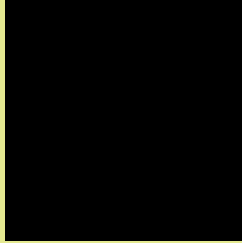
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E4E990 Background



This preview shows how black text looks on a background with the Hex color E4E990.

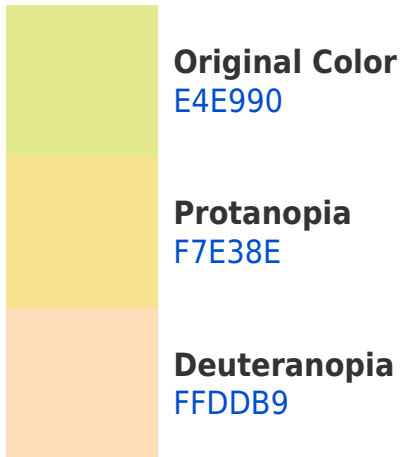


This preview shows how white text looks on a background with the Hex color E4E990.

# Color Blindness Simulation

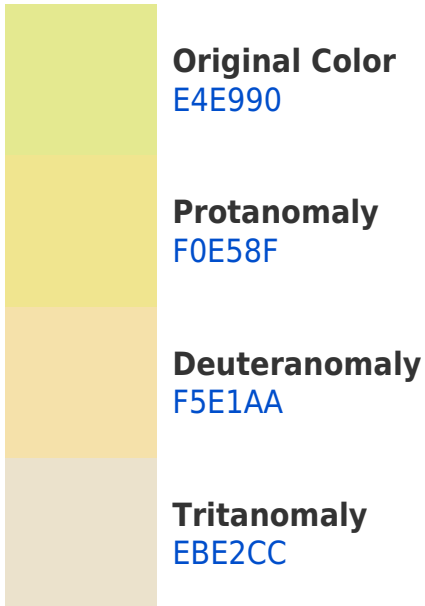
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

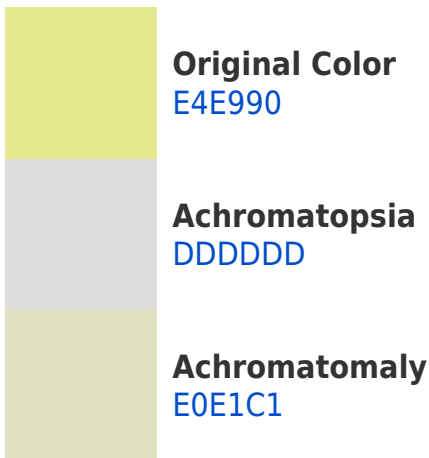




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4E990 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 #E4E990 looks like.

```
.text, #text, p{  
    color:#E4E990  
}
```

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 #E4E990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4E990
}
```

## Border

The CSS property to change the border of an element to Hex E4E990 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
#E4E990 }
```

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

```
.border{ border-color:#E4E990 }
```

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

Here you see how a box with a 4 pixel #E4E990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4E990; -webkit-box-shadow:4px 4px  
4px 4px #E4E990; box-shadow:4px 4px 4px  
4px #E4E990 }
```

# Background

The CSS property to change the background color of an element to Hex E4E990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4E990 }
```

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

```
.background{ background-color:#E4E990 }
```

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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