

Converting Colors

Hex(E4E086)

Have a look what the booklet for
Hex(E4E086) contains.

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Color

Hex(E4E086)

Conversions

Conversions Part 1

Format	Color
Hex	E4E086
RGB	228, 224, 134
RGB Percent	89%, 88%, 53%
CMY	0.1059, 0.1216, 0.4745
CMYK	0.00, 0.02, 0.41, 0.11
HSL	57°, 64%, 71%
HSV	57°, 41%, 89%
XYZ	62.9536, 71.5265, 33.0422
YIQ	214.9360, 31.2740, -27.1420

Conversions

Conversions Part 2

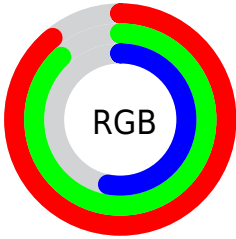
Format	Color
R_{YB}	138, 228, 134
Decimal	14999686
CIE _{Lab}	87.74, -11.31, 44.46
CIE _{LCh}	88, 45.879, 104.275
Yxy	71.5265, 0.3758, 0.4270
Android (android.graphics.Color)	4293189766 (0xFFE4E086)
YUV	214.9360, -39.9014, 11.4571
Hunter-Lab	84.5734, -15.1338, 36.0371

Details

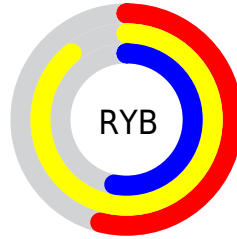
The Hex color **E4E086** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **868AE4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFBC**, and **ABA952** is the 20% darker color. If you saturate the color by 10%, you get **E4DF6F**, and if you desaturate by 10%, it is **E4E19D**.

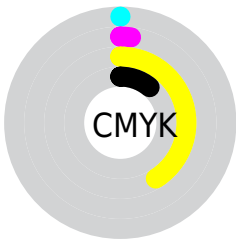
Distribution



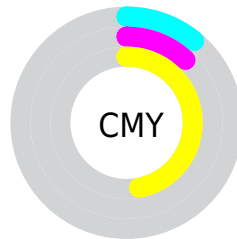
- Red (89%)
- Green (88%)
- Blue (53%)



- Red (54%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (2%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4E086 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 E4E086 by changing the saturation by 10% instead.

 E4E086

 E4E086

FFFFFF

 C7C46C

 FFFFBC

 ABA952

 FFFFD9

 8F8F39

 FFFFF5

 757520

 5A5D01

 414500

 282F00

 0E1B00

 000000

 E4E086

 E4E086

 E4DF6F

 E4E19D

 E4DE58

 E4E2B4

 E4DD42

 E4E3CA

 E4DC2B

 E4E4E1

 E4DB14

 E4E5F8

 E4DA00

 E4E6FF

 E4E7FF

 E4E8FF

 E4E9FF

Harmonies

Analogous

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



FFD188



E4E086



B3EB9C

Triad

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



E4E086



22F0FF



FFBDF5

Complementary

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



E4E086



868AE4

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.



FBC9FF



E4E086



73E7FF

Square

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



E4E086



3AF3F0



BFD9FF



FFBAC9

Rectangle

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



E4E086



8FF0B5



BFD9FF



FFC0FF

Sweetspot

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



E4E086



FFFEE0



E4868B



807F6E



000000



808080

Same Dimension

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



E4E086



FFFA82



BAE486



737267



B3AB00



333100

Inverse Universe

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



868AE4



8287FF



B086E4



676873



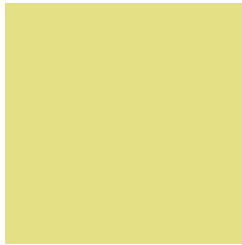
0008B3



000233

Previews

White Background



This preview shows how the Hex color E4E086 looks on a white background.

Color Contrast Check

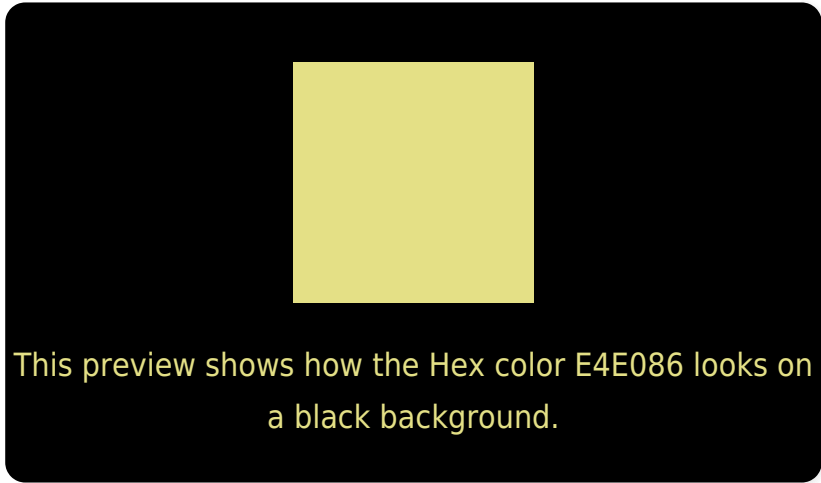
Large Text (above 18pt) WCAG AA × Fail

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

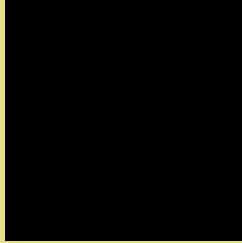
Any Text WCAG AA ✓ Pass

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 E4E086 Background



This preview shows how black text looks on a background with the Hex color E4E086.

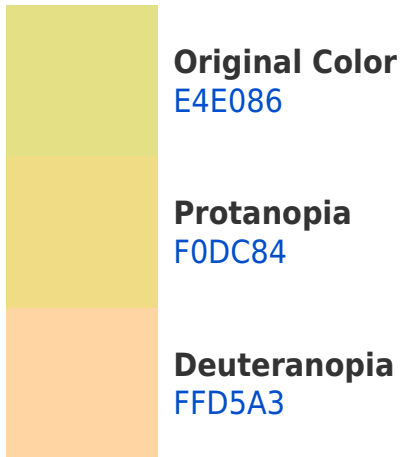


This preview shows how white text looks on a background with the Hex color E4E086.

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 E4E086 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 #E4E086 looks like.

```
.text, #text, p{  
    color:#E4E086  
}
```

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 #E4E086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4E086
}
```

Border

The CSS property to change the border of an element to Hex E4E086 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
#E4E086 }
```

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

```
.border{ border-color:#E4E086 }
```

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

Here you see how a box with a 4 pixel #E4E086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4E086; -webkit-box-shadow:4px 4px  
4px 4px #E4E086; box-shadow:4px 4px 4px  
4px #E4E086 }
```

Background

The CSS property to change the background color of an element to Hex E4E086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4E086 }
```

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

```
.background{ background-color:#E4E086 }
```

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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