

Converting Colors

Hex(E7E186)

Have a look what the booklet for
Hex(E7E186) contains.

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Color

Hex(E7E186)

Conversions

Conversions Part 1

Format	Color
Hex	E7E186
RGB	231, 225, 134
RGB Percent	91%, 88%, 53%
CMY	0.0941, 0.1176, 0.4745
CMYK	0.00, 0.03, 0.42, 0.09
HSL	56°, 67%, 72%
HSV	56°, 42%, 91%
XYZ	64.1833, 72.5606, 33.1770
YIQ	216.4200, 32.7870, -27.0290

Conversions

Conversions Part 2

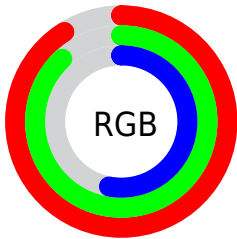
Format	Color
RYB	140, 231, 134
Decimal	15196550
CIELab	88.24, -10.64, 45.14
CIELCh	88, 46.374, 103.261
Yxy	72.5606, 0.3777, 0.4270
Android (android.graphics.Color)	4293386630 (0xFFE7E186)
YUV	216.4200, -40.6331, 12.7867
Hunter-Lab	85.1825, -14.5732, 36.5354

Details

The Hex color **E7E186** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **868CE7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFBC**, and **AEAA52** is the 20% darker color. If you saturate the color by 10%, you get **E7E06F**, and if you desaturate by 10%, it is **E7E29D**.

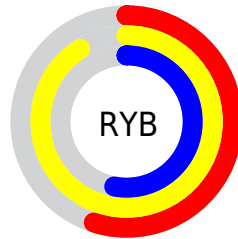
Distribution



Red (91%)

Green (88%)

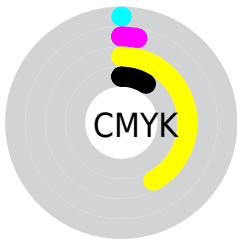
Blue (53%)



Red (55%)

Yellow (91%)

Blue (53%)

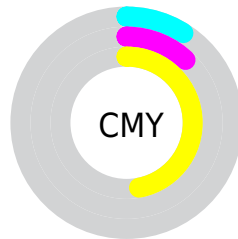


Cyan (0%)

Magenta (3%)

Yellow (42%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7E186 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 E7E186 by changing the saturation by 10% instead.

 E7E186

 E7E186

FFFFFF

 CAC56C

 FFFFBC

 AEAA52

 FFFFD9

 929039


 FFFFF6

 77761F

 5D5D00

 444600

 2B3000

 111B00

 000000

 E7E186

 E7E186

 E7E06F

 E7E29D

 E7DE58

 E7E4B4

 E7DD41

 E7E5CB

 E7DB2A

 E7E7E2

 E7DA13

 E7E8FA

 E7D900

 E7EAFF

 E7EBFF

 E7ECFF

 E7EEFF

Harmonies

Analogous

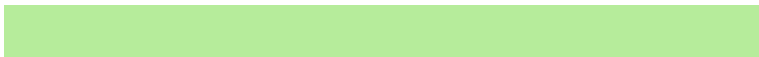
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD289



E7E186



B6EC9B

Triad

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



E7E186



1AF2FF



FFBEF8

Complementary

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



E7E186



868CE7

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.



FBCBFF



E7E186



70E9FF

Square

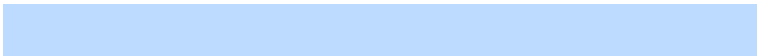
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7E186



3BF5F0



BDDBFF



FFBCCB

Rectangle

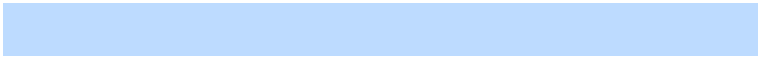
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7E186



91F2B4



BDDBFF



FFC1FF

Sweetspot

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



E7E186



FFFDDE



E7868C



807E6B



000000



808080

Same Dimension

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



E7E186



FFF780



BDE786



737267



B3A700



333000

Inverse Universe

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



868CE7



8087FF



B086E7



676873



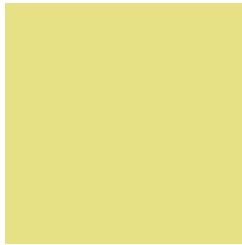
000BB3



000333

Previews

White Background



This preview shows how the Hex color E7E186 looks on a white background.

Color Contrast Check

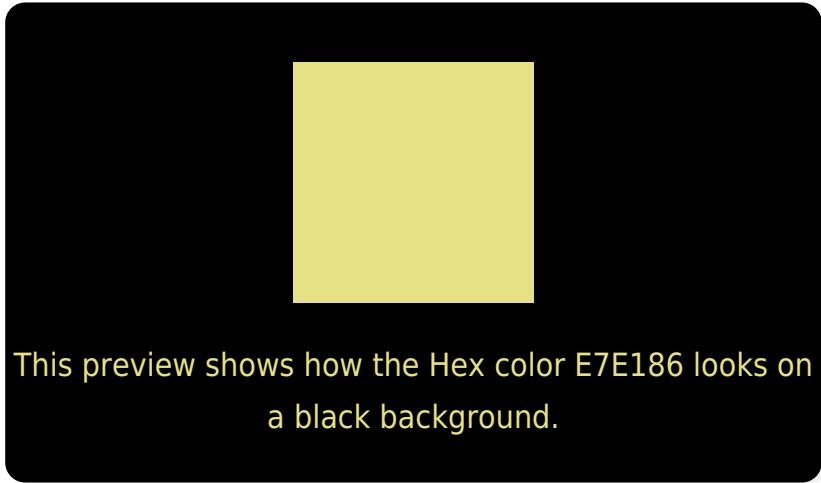
Large Text (above 18pt) WCAG AA × Fail

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 E7E186 Background



This preview shows how black text looks on a background with the Hex color E7E186.

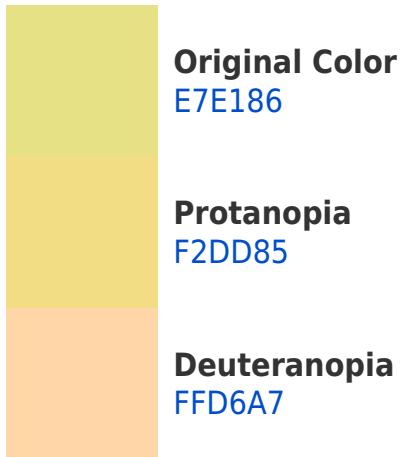


This preview shows how white text looks on a background with the Hex color E7E186.

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](#).

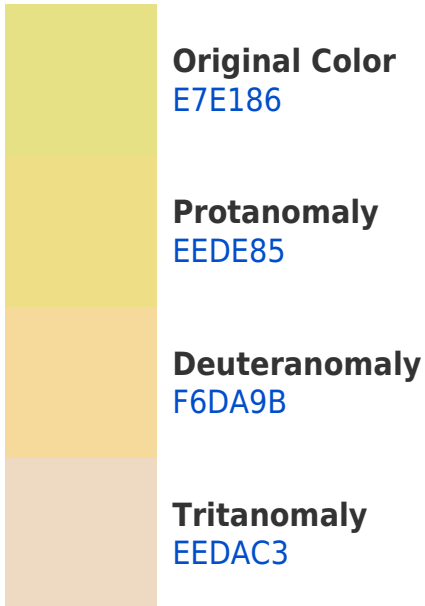
Dichromacy



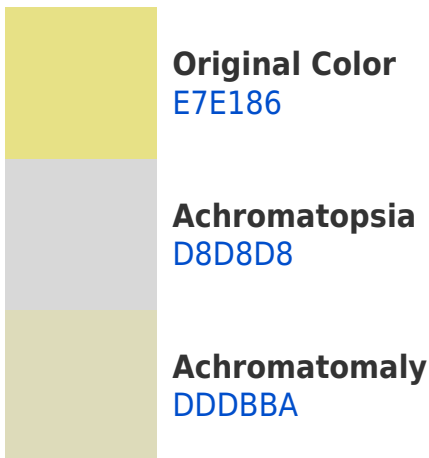


Tritanopia
F2D6E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7E186 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 #E7E186 looks like.

```
.text, #text, p{  
    color:#E7E186  
}
```

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 #E7E186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E186
}
```

Border

The CSS property to change the border of an element to Hex E7E186 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
#E7E186 }
```

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

```
.border{ border-color:#E7E186 }
```

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

Here you see how a box with a 4 pixel #E7E186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E186; -webkit-box-shadow:4px 4px  
4px 4px #E7E186; box-shadow:4px 4px 4px  
4px #E7E186 }
```

Background

The CSS property to change the background color of an element to Hex E7E186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E186 }
```

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

```
.background{ background-color:#E7E186 }
```

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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