

Converting Colors

Hex(E0E7A9)

Have a look what the booklet for
Hex(E0E7A9) contains.

Hex(E0E7A9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0E7A9)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7A9
RGB	224, 231, 169
RGB Percent	88%, 91%, 66%
CMY	0.1216, 0.0941, 0.3373
CMYK	0.03, 0.00, 0.27, 0.09
HSL	67°, 56%, 78%
HSV	67°, 27%, 91%
XYZ	66.4778, 75.8637, 48.6755
YIQ	221.8390, 15.7300, -20.7660

Conversions

Conversions Part 2

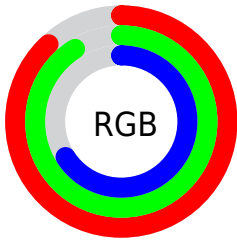
Format	Color
RYB	169, 231, 176
Decimal	14739369
CIELab	89.80, -12.19, 29.48
CIElCh	90, 31.901, 112.461
Yxy	75.8637, 0.3480, 0.3972
Android (android.graphics.Color)	4292929449 (0xFFE0E7A9)
YUV	221.8390, -26.0496, 1.8952
Hunter-Lab	87.0998, -16.1867, 27.8357

Details

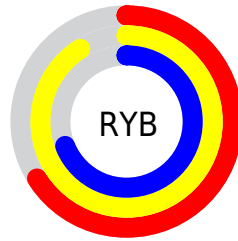
The Hex color **E0E7A9** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B0A9E7**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFE1**, and **A8AF74** is the 20% darker color. If you saturate the color by 10%, you get **DDE792**, and if you desaturate by 10%, it is **E3E7C0**.

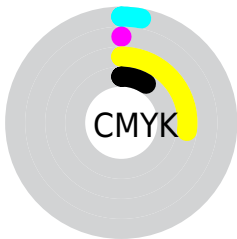
Distribution



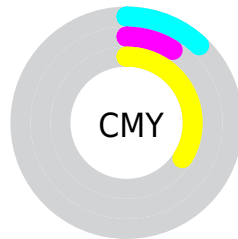
- Red (88%)
- Green (91%)
- Blue (66%)



- Red (66%)
- Yellow (91%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0E7A9 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 E0E7A9 by changing the saturation by 10% instead.

 E0E7A9

 E0E7A9

FFFFFF

 C4CB8E

 FFFFE1

 A8AF74

FFFFFFD

 8D955B

 737B43

 5A622C

 424A15

 2B3400

 141F00

 000000

 E0E7A9

 E0E7A9

 DDE792

 E3E7C0

 DBE77B

 E5E7D7

 D8E764

 E8E7EE

 D6E74D

 EAE7FF

 D3E735

 EDE7FF

 D0E71E

 F0E7FF

 CEE707

 F2E7FF

 CDE700

 F5E7FF

 F7E7FF

Harmonies

Analogous

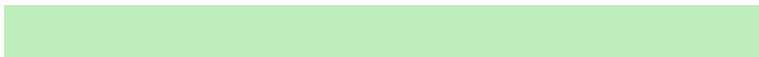
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDDA6



E0E7A9



BDEEBC

Triad

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



E0E7A9



8FEFFF



FFCCEB

Complementary

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



E0E7A9



B0A9E7

Split Complementary

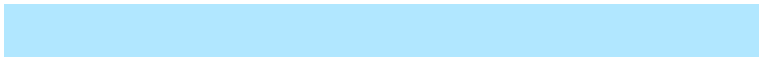
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD3FF



E0E7A9



B1E7FF

Square

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



E0E7A9



88F3F8



DCDDFF



FFCDCC

Rectangle

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



E0E7A9



A6F2CE



DCDDFF



FFCEF5

Sweetspot

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



E0E7A9



FDFFE8



E7AFA9



7E8073



000000



808080

Same Dimension

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



E0E7A9



F6FFAD



C2E7A9



717367



9EB300



2D3300

Inverse Universe

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



B0A9E7



B7ADFF



CEA9E7



696773



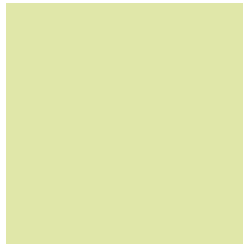
1400B3



060033

Previews

White Background



This preview shows how the Hex color E0E7A9 looks on a white background.

Color Contrast Check

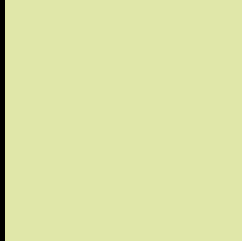
Large Text (above 18pt) WCAG AA × Fail

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 E0E7A9 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

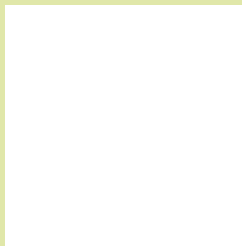
Any Text WCAG AAA ✓ Pass

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

Hex E0E7A9 Background



This preview shows how black text looks on a background with the Hex color E0E7A9.

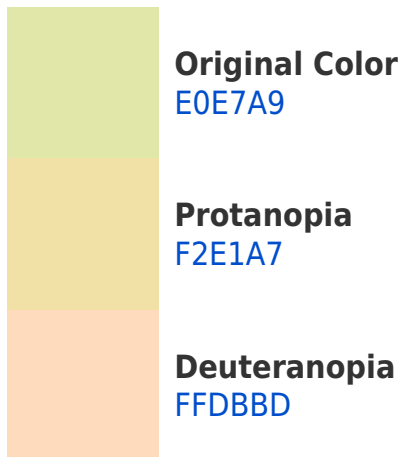


This preview shows how white text looks on a background with the Hex color E0E7A9.

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](#).

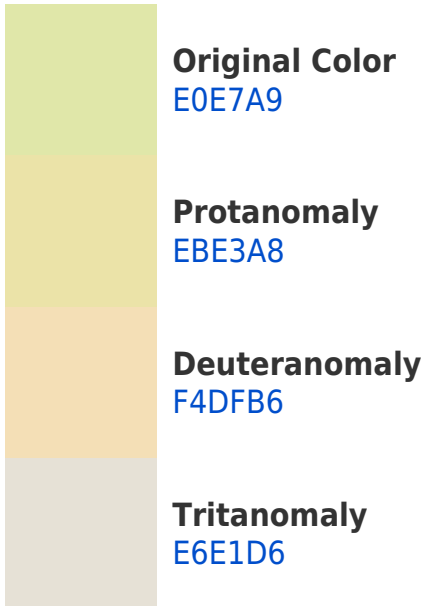
Dichromacy



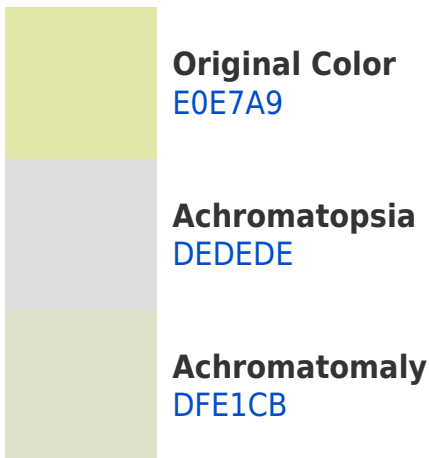


Tritanopia
E9DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0E7A9 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 #E0E7A9 looks like.

```
.text, #text, p{  
    color:#E0E7A9  
}
```

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 #E0E7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E7A9
}
```

Border

The CSS property to change the border of an element to Hex E0E7A9 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
#E0E7A9 }
```

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

```
.border{ border-color:#E0E7A9 }
```

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

Here you see how a box with a 4 pixel #E0E7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0E7A9; -webkit-box-shadow:4px 4px  
4px 4px #E0E7A9; box-shadow:4px 4px 4px  
4px #E0E7A9 }
```

Background

The CSS property to change the background color of an element to Hex E0E7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0E7A9 }
```

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

```
.background{ background-color:#E0E7A9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor