

Converting Colors

Hex(E0EAA7)

Have a look what the booklet for
Hex(E0EAA7) contains.

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Color

Hex(E0EAA7)

Conversions

Conversions Part 1

Format	Color
Hex	E0EAA7
RGB	224, 234, 167
RGB Percent	88%, 92%, 65%
CMY	0.1216, 0.0824, 0.3451
CMYK	0.04, 0.00, 0.29, 0.08
HSL	69°, 61%, 79%
HSV	69°, 29%, 92%
XYZ	67.1383, 77.4830, 47.9764
YIQ	223.3720, 15.5470, -22.9570

Conversions

Conversions Part 2

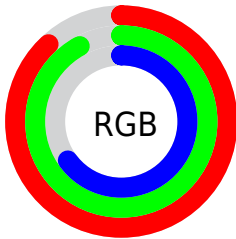
Format	Color
RYB	167, 234, 177
Decimal	14740135
CIELab	90.54, -13.94, 31.51
CIELCh	91, 34.454, 113.874
Yxy	77.4830, 0.3486, 0.4023
Android (android.graphics.Color)	4292930215 (0xFFE0EAA7)
YUV	223.3720, -27.7914, 0.5508
Hunter-Lab	88.0244, -17.8964, 29.3020

Details

The Hex color **E0EAA7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B1A7EA**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFDF**, and **A8B272** is the 20% darker color. If you saturate the color by 10%, you get **DDEA90**, and if you desaturate by 10%, it is **E3EABE**.

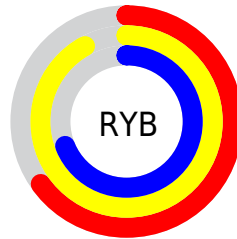
Distribution



Red (88%)

Green (92%)

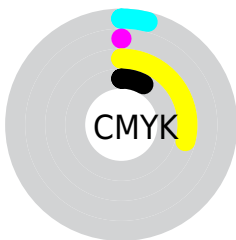
Blue (65%)



Red (65%)

Yellow (92%)

Blue (69%)

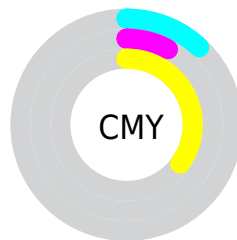


Cyan (4%)

Magenta (0%)

Yellow (29%)

Black (8%)



Cyan (12%)

Magenta (8%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0EAA7 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 E0EAA7 by changing the saturation by 10% instead.

 E0EAA7

 E0EAA7

FFFFFF

 C4CE8C

 FFFFDF

 A8B272

 FFFFFB


 8D9859

 737E41

 5A652A

 414D12

 2A3600

 132100

 000400

 E0EAA7

 E0EAA7

 DDEA90

 E3EABE

 D9EA78

 E7EAD6

 D6EA61

 EAEAED

 D2EA49

 EEEAFF

 CFEA32

 F1EAFF

 CBEA1B

 F5EAFF

 C8EA03

 F8EAFF

 C7EA00

 FCEAFF

 FFEAFF

Harmonies

Analogous

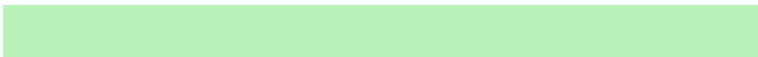
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDFA3



E0EAA7



BAF2BC

Triad

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



E0EAA7



89F2FF



FFCCEC

Complementary

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



E0EAA7



B1A7EA

Split Complementary

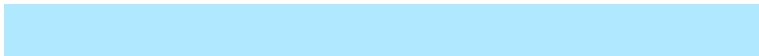
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD3FF



E0EAA7



B0E9FF

Square

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



E0EAA7



7FF6FD



E0DEFF



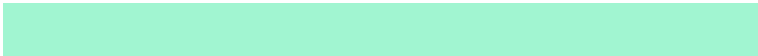
FFCDCB

Rectangle

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



E0EAA7



A1F5D1



E0DEFF



FFCEF7

Sweetspot

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



E0EAA7



FCFFE8



EAB0A7



7D8071



000000



808080

Same Dimension

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



E0EAA7



F2FFA8



C0EAA7



74756A



9AB500



2E3600

Inverse Universe

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



B1A7EA



B5A8FF



D1A7EA



6B6A75



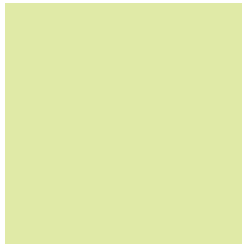
1B00B5



080036

Previews

White Background



This preview shows how the Hex color E0EAA7 looks on a white background.

Color Contrast Check

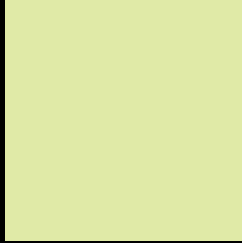
Large Text (above 18pt) WCAG AA × Fail

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 E0EAA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

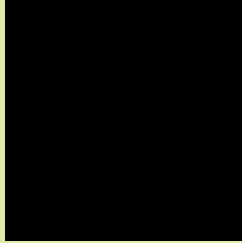
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

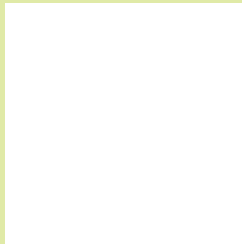
Any Text WCAG AAA ✓ Pass

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

Hex E0EAA7 Background



This preview shows how black text looks on a background with the Hex color E0EAA7.

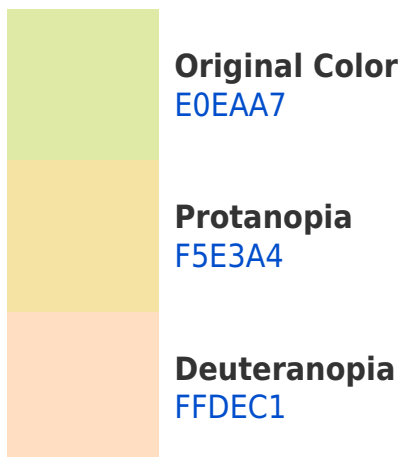


This preview shows how white text looks on a background with the Hex color E0EAA7.

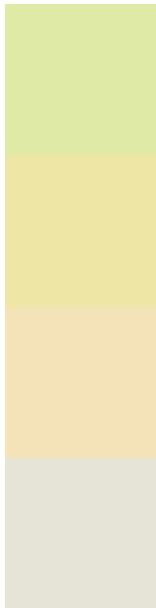
Color Blindness Simulation

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



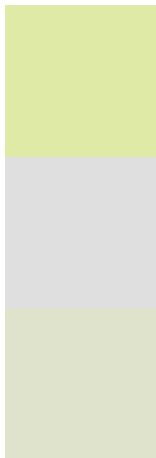
Original Color
E0EAA7

Protanomaly
EDE6A5

Deuteranomaly
F4E2B8

Tritanomaly
E6E4D7

Monochromacy



Original Color
E0EAA7

Achromatopsia
DFDFDF

Achromatomaly
DFE3CB

CSS Examples

Text

The CSS property to change the color of the text to Hex E0EAA7 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 #E0EAA7 looks like.

```
.text, #text, p{  
    color:#E0EAA7  
}
```

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 #E0EAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EAA7
}
```

Border

The CSS property to change the border of an element to Hex E0EAA7 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
#E0EAA7 }
```

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

```
.border{ border-color:#E0EAA7 }
```

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

Here you see how a box with a 4 pixel #E0EAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EAA7; -webkit-box-shadow:4px 4px  
4px 4px #E0EAA7; box-shadow:4px 4px 4px  
4px #E0EAA7 }
```

Background

The CSS property to change the background color of an element to Hex E0EAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EAA7 }
```

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

```
.background{ background-color:#E0EAA7 }
```

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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