

# Converting Colors

Hex(E1E5A3)

Have a look what the booklet for  
Hex(E1E5A3) contains.

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# **Color**

**Hex(E1E5A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E5A3
RGB	225, 229, 163
RGB Percent	88%, 90%, 64%
CMY	0.1176, 0.1020, 0.3608
CMYK	0.02, 0.00, 0.29, 0.10
HSL	64°, 56%, 77%
HSV	64°, 29%, 90%
XYZ	65.6815, 74.6905, 45.6053
YIQ	220.2800, 18.8020, -21.3740

# Conversions

## Conversions Part 2

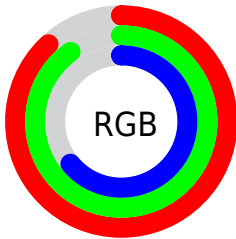
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 229, 167
Decimal	14804387
CIELab	89.25, -11.60, 31.82
CIELCh	89, 33.871, 110.035
Yxy	74.6905, 0.3532, 0.4016
Android (android.graphics.Color)	4292994467 (0xFFE1E5A3)
YUV	220.2800, -28.2390, 4.1394
Hunter-Lab	86.4237, -15.5824, 29.2096

# Details

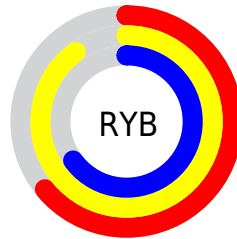
The Hex color **E1E5A3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A7A3E5**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFDA**, and **A9AE6F** is the 20% darker color. If you saturate the color by 10%, you get **E0E58C**, and if you desaturate by 10%, it is **E2E5BA**.

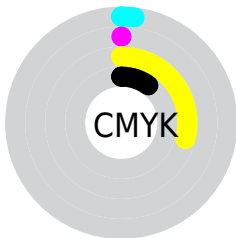
# Distribution



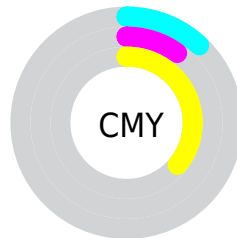
- Red (88%)
- Green (90%)
- Blue (64%)



- Red (64%)
- Yellow (90%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1E5A3 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 E1E5A3 by changing the saturation by 10% instead.



 E1E5A3

FFFFFF

 FFFFDA

 FFFFF7

 E1E5A3

 C5C988

 A9AE6F

 8E9356

 74793E

 5A6126

 42490F

 2B3200

 131E00

 000000

 E1E5A3

 E1E5A3

 E0E58C

 E2E5BA

 DEE575

 E4E5D1

 DDE55E

 E5E5E8

 DBE547

 E7E5FF

 DAE531

 E8E5FF

 D9E51A

 E9E5FF

 D7E503

 EBE5FF

 D7E500

 ECE5FF

 EDE5FF

# Harmonies

## Analogous

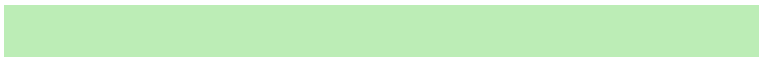
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDAA1



E1E5A3



BCEDB6

# Triad

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



E1E5A3



84EEFF



FFC9EC

# Complementary

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



E1E5A3



A7A3E5

# 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.



FFD1FF



E1E5A3



A8E7FF

# Square

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



E1E5A3



7FF2F5



D6DCFF



FFC9CC

# Rectangle

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



E1E5A3



A3F1C9



D6DCFF



FFCBF7



# Sweetspot

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



E1E5A3



FEFFE8



E5A6A3



7F8071



000000



808080



# Same Dimension

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



E1E5A3



FAFFA6



C1E5A3



727367



A8B300



303300



# Inverse Universe

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



A7A3E5



ABA6FF



C7A3E5



686773



0B00B3

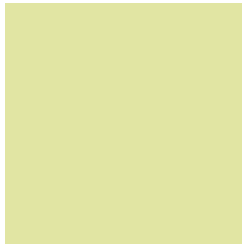


030033



# Previews

## White Background



This preview shows how the Hex color E1E5A3 looks on a white background.

## Color Contrast Check

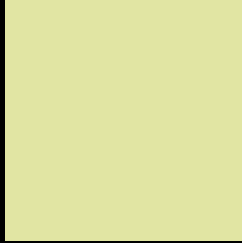
Large Text (above 18pt) WCAG AA × Fail

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 E1E5A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

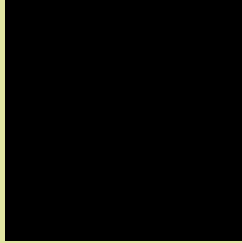
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

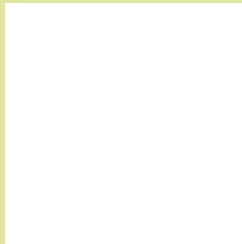
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1E5A3 Background



This preview shows how black text looks on a background with the Hex color E1E5A3.

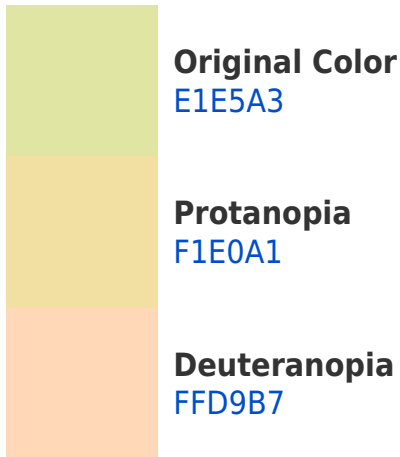


This preview shows how white text looks on a background with the Hex color E1E5A3.

# Color Blindness Simulation

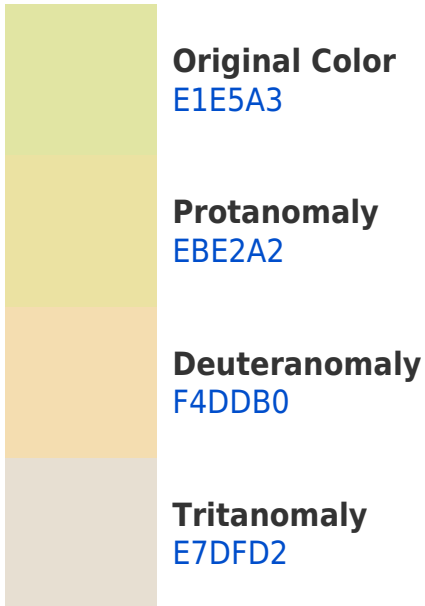
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

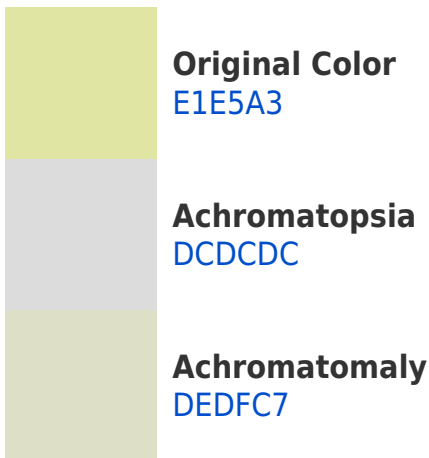




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1E5A3 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 #E1E5A3 looks like.

```
.text, #text, p{  
    color:#E1E5A3  
}
```

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 #E1E5A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E5A3
}
```

## Border

The CSS property to change the border of an element to Hex E1E5A3 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
#E1E5A3 }
```

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

```
.border{ border-color:#E1E5A3 }
```

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

Here you see how a box with a 4 pixel #E1E5A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E5A3; -webkit-box-shadow:4px 4px  
4px 4px #E1E5A3; box-shadow:4px 4px 4px  
4px #E1E5A3 }
```

# Background

The CSS property to change the background color of an element to Hex E1E5A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E5A3 }
```

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

```
.background{ background-color:#E1E5A3 }
```

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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