

# Converting Colors

Hex(E5E883)

Have a look what the booklet for  
Hex(E5E883) contains.

<b>Hex(E5E883)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E5E883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5E883
RGB	229, 232, 131
RGB Percent	90%, 91%, 51%
CMY	0.1020, 0.0902, 0.4863
CMYK	0.01, 0.00, 0.44, 0.09
HSL	62°, 69%, 71%
HSV	62°, 44%, 91%
XYZ	65.2664, 76.0099, 32.7042
YIQ	219.5890, 30.6330, -32.0470

# Conversions

## Conversions Part 2

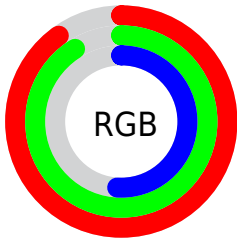
Format	Color
<a href="#">RYB</a>	<a href="#">131, 232, 134</a>
Decimal	<a href="#">15067267</a>
CIELab	<a href="#">89.86, -15.19, 48.58</a>
CIElCh	<a href="#">90, 50.904, 107.365</a>
Yxy	<a href="#">76.0099, 0.3751, 0.4369</a>
Android (android.graphics.Color)	<a href="#">4293257347 (0xFFE5E883)</a>
YUV	<a href="#">219.5890, -43.6744, 8.2534</a>
Hunter-Lab	<a href="#">87.1837, -18.9448, 38.7878</a>

# Details

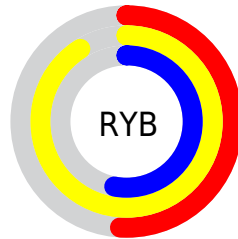
The Hex color **E5E883** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8683E8**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFBA**, and **ACB14F** is the 20% darker color. If you saturate the color by 10%, you get **E4E86C**, and if you desaturate by 10%, it is **E6E89A**.

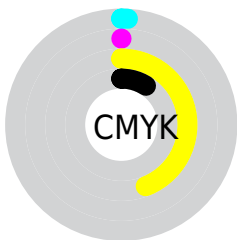
# Distribution



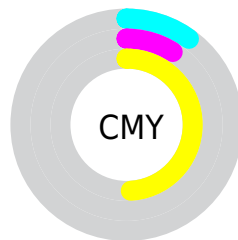
- Red (90%)
- Green (91%)
- Blue (51%)



- Red (51%)
- Yellow (91%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5E883 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 E5E883 by changing the saturation by 10% instead.



 E5E883

 E5E883

FFFFFF

 C8CC69

 FFFFBA

 ACB14F

 FFFFD6

 909635

 FFFFF3

 757C1A

 5B6300

 424B00

 283500

 0E2000

 000000

 E5E883

 E5E883

 E4E86C

 E6E89A

 E4E855

 E6E8B1

 E3E83D

 E7E8C9

 E2E826

 E8E8E0

 E2E80F

 E8E8F7

 E1E800

 E9E8FF

 EAE8FF

 EBE8FF

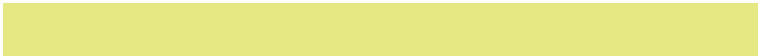
# Harmonies

## Analogous

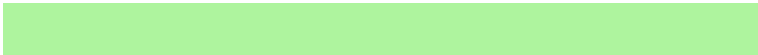
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD883



E5E883



AEF49E

# Triad

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



E5E883



00F7FF



FFBEF9

# Complementary

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



E5E883



8683E8

# 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.



FFCBFF



E5E883



6EEDFF

# Square

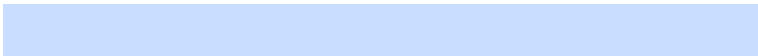
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5E883



00FCFD



C8DDFF



FFBCC7

# Rectangle

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



E5E883



83F9BB



C8DDFF

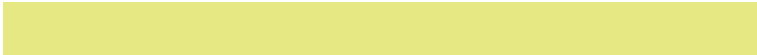


FFC1FF



# Sweetspot

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



E5E883



FEFFDE



E88583



7F806B



000000

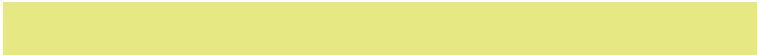


808080



# Same Dimension

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



E5E883



FBFF7A



B4E883



727367



ADB300



313300



# Inverse Universe

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



8683E8



7E7AFF



B783E8



686773



0500B3

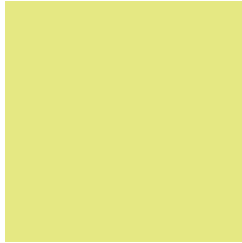


020033



# Previews

## White Background



This preview shows how the Hex color E5E883 looks on a white background.

## Color Contrast Check

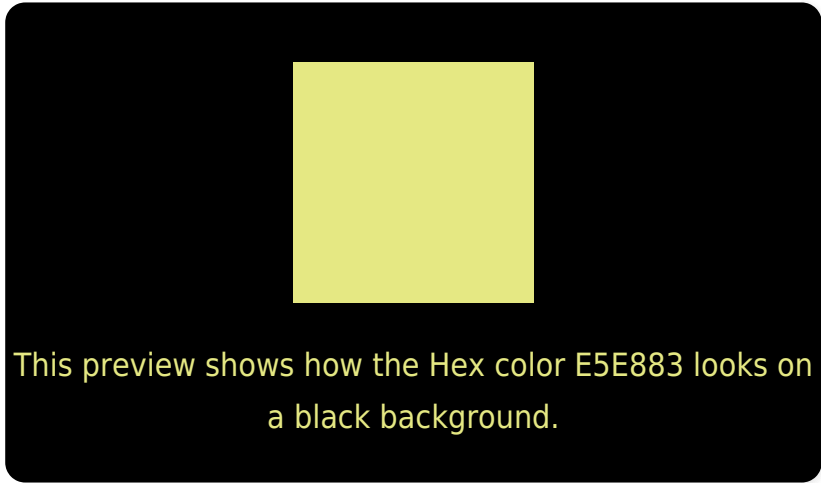
Large Text (above 18pt) WCAG AA × Fail

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

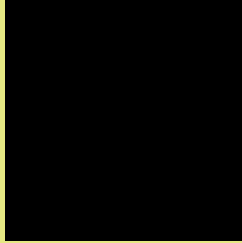
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5E883 Background



This preview shows how black text looks on a background with the Hex color E5E883.

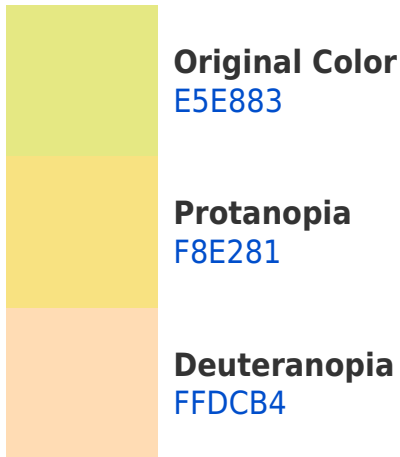


This preview shows how white text looks on a background with the Hex color E5E883.

# Color Blindness Simulation

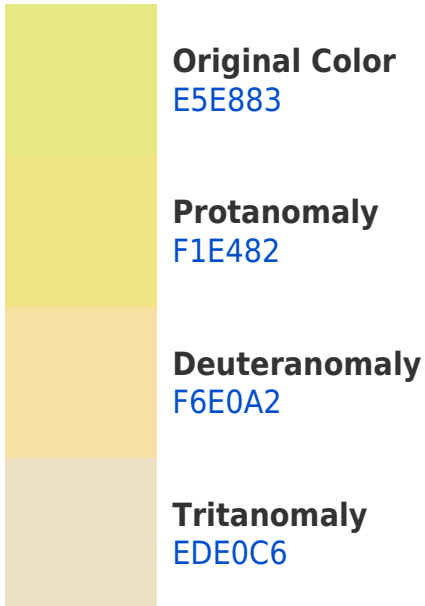
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5E883 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 #E5E883 looks like.

```
.text, #text, p{  
    color:#E5E883  
}
```

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 #E5E883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5E883
}
```

## Border

The CSS property to change the border of an element to Hex E5E883 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
#E5E883 }
```

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

```
.border{ border-color:#E5E883 }
```

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

Here you see how a box with a 4 pixel #E5E883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5E883; -webkit-box-shadow:4px 4px  
4px 4px #E5E883; box-shadow:4px 4px 4px  
4px #E5E883 }
```

# Background

The CSS property to change the background color of an element to Hex E5E883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5E883 }
```

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

```
.background{ background-color:#E5E883 }
```

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