

# Converting Colors

Hex(E3B583)

Have a look what the booklet for  
Hex(E3B583) contains.

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**Color**

**Hex(E3B583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3B583
RGB	227, 181, 131
RGB Percent	89%, 71%, 51%
CMY	0.1098, 0.2902, 0.4863
CMYK	0.00, 0.20, 0.42, 0.11
HSL	31°, 63%, 70%
HSV	31°, 42%, 89%
XYZ	52.2992, 51.0173, 28.5636
YIQ	189.0540, 43.4660, -5.7980

# Conversions

## Conversions Part 2

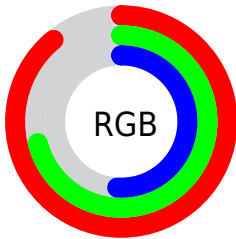
Format	Color
R <sub>Y</sub> B	219, 227, 131
Decimal	14923139
CIE Lab	76.69, 10.20, 31.78
CIE LCh	77, 33.375, 72.209
Yxy	51.0173, 0.3966, 0.3868
Android (android.graphics.Color)	4293113219 (0xFFE3B583)
YUV	189.0540, -28.6206, 33.2786
Hunter-Lab	71.4264, 5.7033, 26.2883

# Details

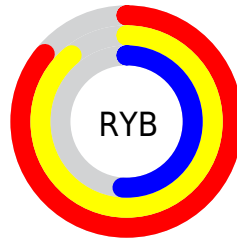
The Hex color **E3B583** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83B1E3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFEDB8**, and **AA8051** is the 20% darker color. If you saturate the color by 10%, you get **E3AA6C**, and if you desaturate by 10%, it is **E3C09A**.

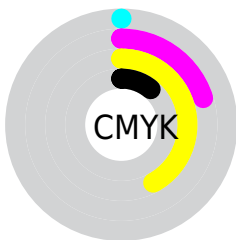
# Distribution



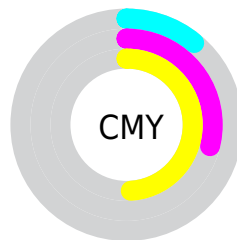
- Red (89%)
- Green (71%)
- Blue (51%)



- Red (86%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3B583 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 E3B583 by changing the saturation by 10% instead.



 E3B583

 E3B583

FFFFFF

 C69A69

 FFEDB8

 AA8051

 FFFFD4

 8E6739

 FFFFF1

 734F22

 59380B

 402300

 260F00

 000000

 E3B583

 E3B583

 E3AA6C

 E3C09A

 E39F56

 E3CBB0

 E3943F

 E3D6C7

 E38928

 E3E1DE

 E37F11

 E3EBF5

 E37600

 E3F6FF

 E3FFFF

# Harmonies

## Analogous

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



F6AB95



E3B583



C6BF80

# Triad

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



E3B583



60CEC9



D1B1EB

# Complementary

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



E3B583



83B1E3

# 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.



A7BCF9



E3B583



5ACCE6

# Square

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



E3B583



7FCDA9



79C6F7



EFA8D1

# Rectangle

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



E3B583



B0C588



79C6F7



C5B4F1

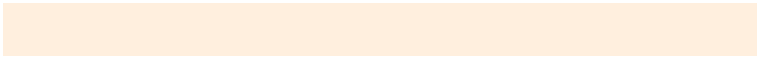


# Sweetspot

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



E3B583



FFEFDE



E383B1



80766B



000000



808080



# Same Dimension

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



E3B583



FFC17D



E1E383



736D67



B35D00



331B00

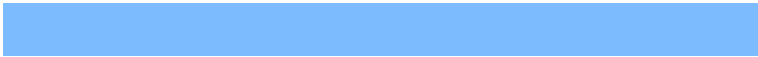


# Inverse Universe

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



83B1E3



7DBBFF



8583E3



676D73



0056B3

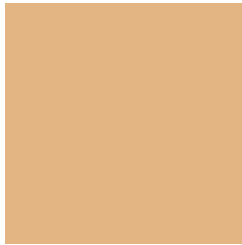


001833



# Previews

## White Background



This preview shows how the Hex color E3B583 looks on a white background.

## Color Contrast Check

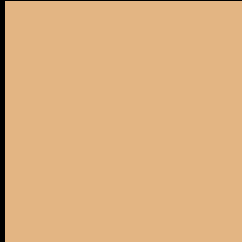
Large Text (above 18pt) WCAG AA × Fail

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 E3B583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

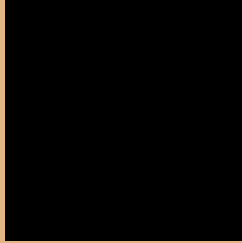
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3B583 Background



This preview shows how black text looks on a background with the Hex color E3B583.

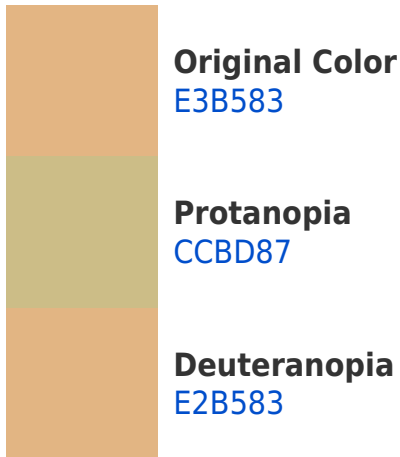


This preview shows how white text looks on a background with the Hex color E3B583.

# 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



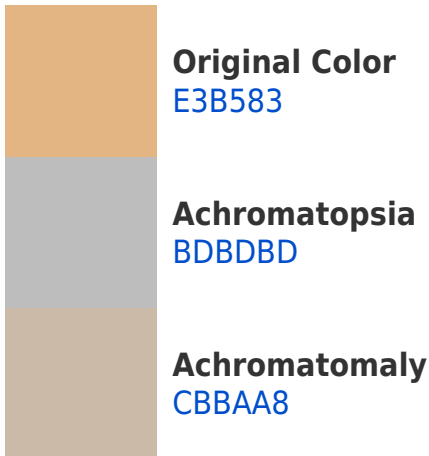


**Tritanopia**  
E8AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3B583 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 #E3B583 looks like.

```
.text, #text, p{  
    color:#E3B583  
}
```

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 #E3B583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B583
}
```

## Border

The CSS property to change the border of an element to Hex E3B583 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
#E3B583 }
```

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

```
.border{ border-color:#E3B583 }
```

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

Here you see how a box with a 4 pixel #E3B583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B583; -webkit-box-shadow:4px 4px  
4px 4px #E3B583; box-shadow:4px 4px 4px  
4px #E3B583 }
```

# Background

The CSS property to change the background color of an element to Hex E3B583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B583 }
```

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

```
.background{ background-color:#E3B583 }
```

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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