

# Converting Colors

Hex(EBD38E)

Have a look what the booklet for  
Hex(EBD38E) contains.

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# **Color**

**Hex(EBD38E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD38E
RGB	235, 211, 142
RGB Percent	92%, 83%, 56%
CMY	0.0784, 0.1725, 0.4431
CMYK	0.00, 0.10, 0.40, 0.08
HSL	45°, 70%, 74%
HSV	45°, 40%, 92%
XYZ	62.4377, 66.2037, 35.0790
YIQ	210.3100, 36.4530, -16.3710

# Conversions

## Conversions Part 2

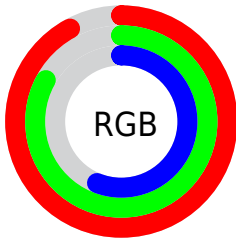
Format	Color
<a href="#">RYB</a>	<a href="#">174, 235, 142</a>
Decimal	<a href="#">15455118</a>
CIELab	<a href="#">85.10, -1.13, 37.20</a>
CIELCh	<a href="#">85, 37.221, 91.735</a>
Yxy	<a href="#">66.2037, 0.3814, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4293645198 (0xFFEBD38E)</a>
YUV	<a href="#">210.3100, -33.6768, 21.6531</a>
Hunter-Lab	<a href="#">81.3657, -5.4140, 31.3944</a>

# Details

The Hex color **EBD38E** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8EA6EB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFC4**, and **B29D5B** is the 20% darker color. If you saturate the color by 10%, you get **EBCD76**, and if you desaturate by 10%, it is **EBD9A6**.

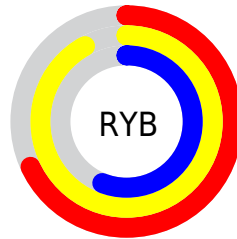
# Distribution



Red (92%)

Green (83%)

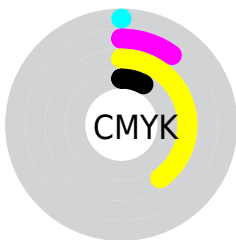
Blue (56%)



Red (68%)

Yellow (92%)

Blue (56%)

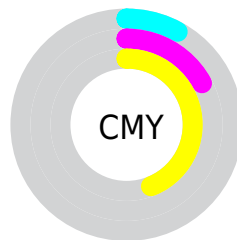


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBD38E 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 EBD38E by changing the saturation by 10% instead.



 EBD38E

 EBD38E

FFFFFF

 CEB774

 FFFFC4

 B29D5B

 FFFFE1

 968342

FFFFFFD

 7B6A2A

 615212

 483B00

 2F2500

 161100

 000000

 EBD38E

 EBD38E

 EBCD76

 EBD9A6

 EBC75F

 EBD FBD

 EBC147

 EBE5D4

 EBBB30

 EBEBEC

 EBB518

 EBF1FF

 EBAF01

 EBF7FF

 EBAE00

 EBFDFD

 EBFFFF

# Harmonies

## Analogous

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



FFC798



EBD38E



C6DE98

# Triad

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



EBD38E



5FE7F8



FFBFF6

# Complementary

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



EBD38E



8EA6EB

# 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.



DCCBFF



EBD38E



76E1FF

# Square

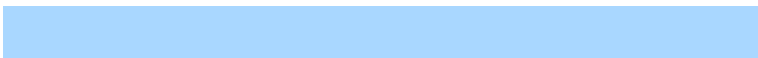
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBD38E



74E8D5



A9D7FF



FFBAD4

# Rectangle

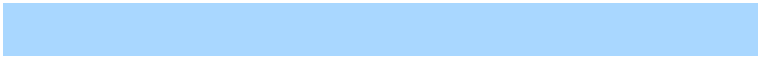
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBD38E



AAE3A8



A9D7FF



F8C3FF



# Sweetspot

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



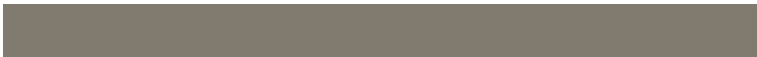
EBD38E



FFF7E0



EB8EA7



807B6E



000000



808080



# Same Dimension

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



EBD38E



FFE087



D5EB8E



75726A



B58600



362800



# Inverse Universe

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



8EA6EB



87A6FF



A48EEB



6A6D75



002FB5



000E36



# Previews

## White Background



This preview shows how the Hex color EBD38E looks on a white background.

## Color Contrast Check

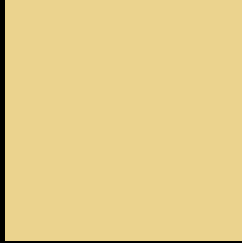
Large Text (above 18pt) WCAG AA × Fail

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 EBD38E 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 EBD38E Background



This preview shows how black text looks on a background with the Hex color EBD38E.

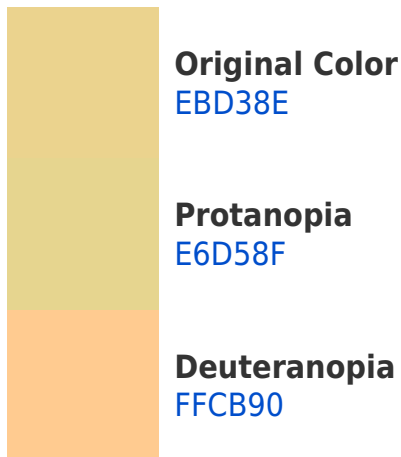


This preview shows how white text looks on a background with the Hex color EBD38E.

# 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](#).

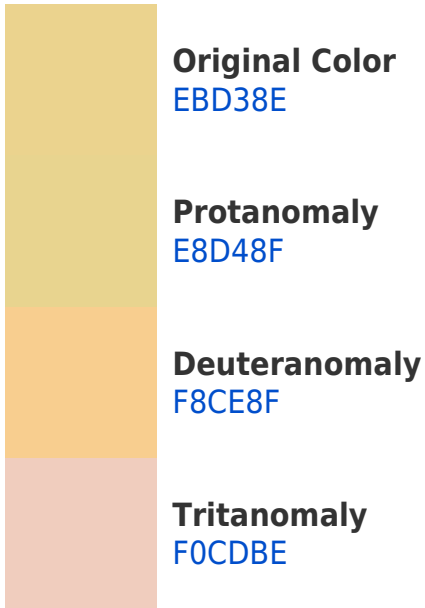
## Dichromacy





**Tritanopia**  
F3CAD9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBD38E 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 #EBD38E looks like.

```
.text, #text, p{  
    color:#EBD38E  
}
```

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 #EBD38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBD38E
}
```

## Border

The CSS property to change the border of an element to Hex EBD38E 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
#EBD38E }
```

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

```
.border{ border-color:#EBD38E }
```

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

Here you see how a box with a 4 pixel #EBD38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBD38E; -webkit-box-shadow:4px 4px  
4px 4px #EBD38E; box-shadow:4px 4px 4px  
4px #EBD38E }
```

# Background

The CSS property to change the background color of an element to Hex EBD38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBD38E }
```

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

```
.background{ background-color:#EBD38E }
```

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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