

# Converting Colors

Hex(E1B38A)

Have a look what the booklet for  
Hex(E1B38A) contains.

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**Color**

**Hex(E1B38A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B38A
RGB	225, 179, 138
RGB Percent	88%, 70%, 54%
CMY	0.1176, 0.2980, 0.4588
CMYK	0.00, 0.20, 0.39, 0.12
HSL	28°, 59%, 71%
HSV	28°, 39%, 88%
XYZ	51.7589, 50.0827, 30.9837
YIQ	188.0800, 40.5770, -2.9990

# Conversions

## Conversions Part 2

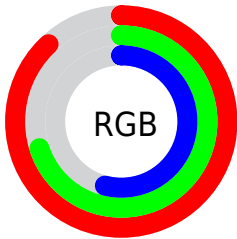
Format	Color
R <sub>Y</sub> B	225, 216, 138
Decimal	14791562
CIE Lab	76.12, 11.24, 27.28
CIE LCh	76, 29.502, 67.612
Yxy	50.0827, 0.3897, 0.3771
Android (android.graphics.Color)	4292981642 (0xFFE1B38A)
YUV	188.0800, -24.6894, 32.3788
Hunter-Lab	70.7692, 6.7047, 23.5804

# Details

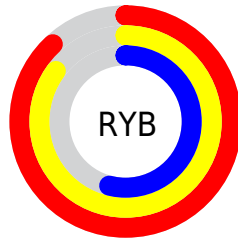
The Hex color **E1B38A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8AB8E1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFEBC0**, and **A87E58** is the 20% darker color. If you saturate the color by 10%, you get **E1A773**, and if you desaturate by 10%, it is **E1BFA0**.

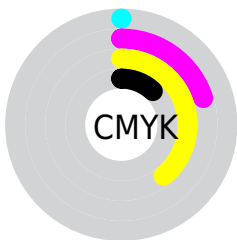
# Distribution



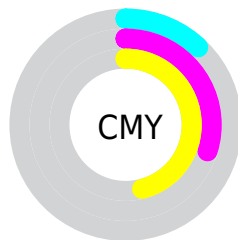
- Red (88%)
- Green (70%)
- Blue (54%)



- Red (88%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B38A 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 E1B38A by changing the saturation by 10% instead.



 E1B38A

 E1B38A

FFFFFF

 C49870

 FFEBC0

 A87E58

 FFFFDC

 8D6540

 FFFFF8

 724D29

 583613

 3F2100

 260C00

 000000

 E1B38A

 E1B38A

 E1A773

 E1BFA0

 E19B5D

 E1CBB7

 E18F46

 E1D7CE

 E18330

 E1E3E4

 E17819

 E1EEFB

 E16C03

 E1FAFF

 E16A00

 E1FFFF

# Harmonies

## Analogous

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



F0AB9C



E1B38A



C8BC86

# Triad

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



E1B38A



71CBC2



C9B2E7

# Complementary

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



E1B38A



8AB8E1

# 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.



A3BCF1



E1B38A



69C9DC

# Square

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



E1B38A



8BC9A6



7EC4ED



E4AAD1

# Rectangle

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



E1B38A



B5C28B



7EC4ED



BDB5EC

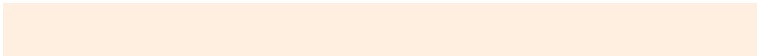


# Sweetspot

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



E1B38A



FFEFE0



E18AB8



80766E



000000



808080



# Same Dimension

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



E1B38A



FFC18A



E1DE8A



706A65



B05300



301700



# Inverse Universe

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



8AB8E1



8AC8FF



8A8DE1



656B70



005DB0



001A30



# Previews

## White Background



This preview shows how the Hex color E1B38A looks on a white background.

## Color Contrast Check

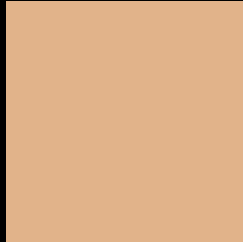
Large Text (above 18pt) WCAG AA × Fail

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 E1B38A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

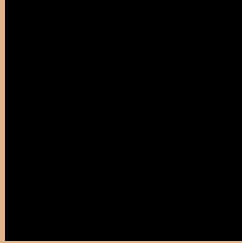
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1B38A Background



This preview shows how black text looks on a background with the Hex color E1B38A.



This preview shows how white text looks on a background with the Hex color E1B38A.

# 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](#).

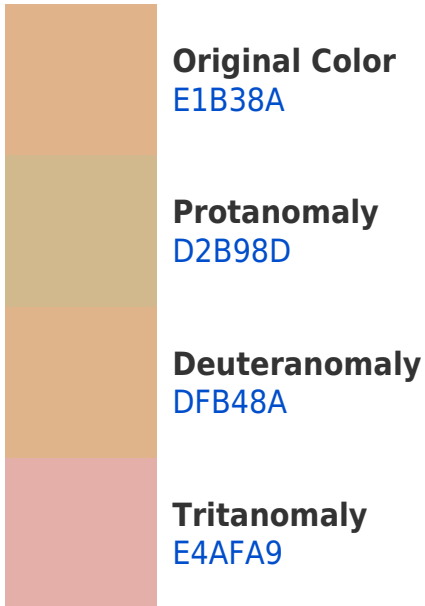
## Dichromacy





**Tritanopia**  
E6ADBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B38A 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 #E1B38A looks like.

```
.text, #text, p{  
    color:#E1B38A  
}
```

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 #E1B38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B38A
}
```

## Border

The CSS property to change the border of an element to Hex E1B38A 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
#E1B38A }
```

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

```
.border{ border-color:#E1B38A }
```

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

Here you see how a box with a 4 pixel #E1B38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B38A; -webkit-box-shadow:4px 4px  
4px 4px #E1B38A; box-shadow:4px 4px 4px  
4px #E1B38A }
```

# Background

The CSS property to change the background color of an element to Hex E1B38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B38A }
```

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

```
.background{ background-color:#E1B38A }
```

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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