

# Converting Colors

Hex(E5B8B2)

Have a look what the booklet for  
Hex(E5B8B2) contains.

<b>Hex(E5B8B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E5B8B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B8B2
RGB	229, 184, 178
RGB Percent	90%, 72%, 70%
CMY	0.1020, 0.2784, 0.3020
CMYK	0.00, 0.20, 0.22, 0.10
HSL	7°, 50%, 80%
HSV	7°, 22%, 90%
XYZ	57.4895, 54.1533, 49.5421
YIQ	196.7710, 28.7460, 7.6740

# Conversions

## Conversions Part 2

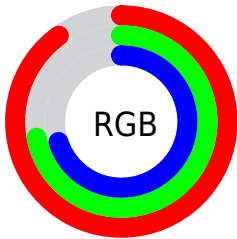
Format	Color
R <sub>Y</sub> B	229, 185, 178
Decimal	15055026
CIE Lab	78.55, 15.30, 9.19
CIE LCh	79, 17.851, 30.991
Yxy	54.1533, 0.3567, 0.3360
Android (android.graphics.Color)	4293245106 (0xFFE5B8B2)
YUV	196.7710, -9.2541, 28.2648
Hunter-Lab	73.5890, 10.6678, 11.5966

# Details

The Hex color **E5B8B2** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B2DFE5**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF0EA**, and **AD837D** is the 20% darker color. If you saturate the color by 10%, you get **E5A49B**, and if you desaturate by 10%, it is **E5CCC9**.

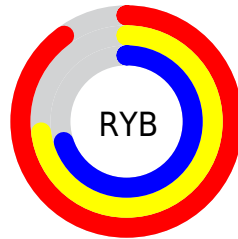
# Distribution



Red (90%)

Green (72%)

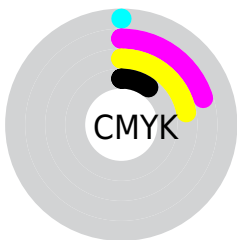
Blue (70%)



Red (90%)

Yellow (73%)

Blue (70%)

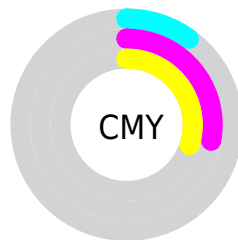


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (10%)



Cyan (10%)

Magenta (28%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B8B2 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 E5B8B2 by changing the saturation by 10% instead.



 E5B8B2

 E5B8B2

FFFFFF

 C99D97

 FFF0EA

 AD837D

 926A64

 77514D

 5E3A36

 452421

 2E0F0A

 140000

 000000

 E5B8B2

 E5B8B2

 E5A49B

 E5CCC9

 E59084

 E5E0E0

 E57B6D

 E5F5F7

 E56756

 E5FFFF

 E5533F

 E53F29

 E52B12

 E51B00

# Harmonies

## Analogous

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



E4B7C2



E5B8B2



DDBCA6

# Triad

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



E5B8B2



AACAB2



B1C4E3

# Complementary

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



E5B8B2



B2DFE5

# 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.



9FC8DF



E5B8B2



9CCCC2

# Square

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



E5B8B2



BDC7A6



97CBD3



C6BEDF

# Rectangle

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



E5B8B2



D4C0A2



97CBD3



AAC5E3



# Sweetspot

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



E5B8B2



FFEDED



E5B2DF



807775



000000



808080



# Same Dimension

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



E5B8B2



FFC2BA



E5D1B2



736967



B31500



330600

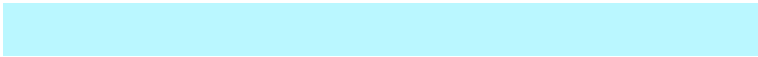


# Inverse Universe

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



B2DFE5



BAF7FF



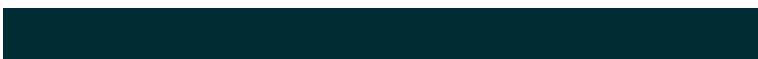
B2C6E5



677173



009DB3

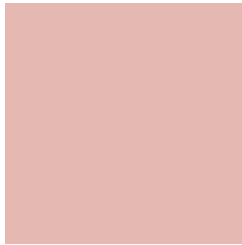


002D33



# Previews

## White Background



This preview shows how the Hex color E5B8B2 looks on a white background.

## Color Contrast Check

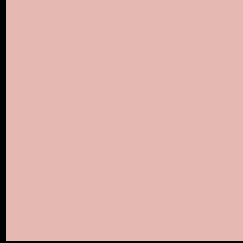
Large Text (above 18pt) WCAG AA × Fail

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 E5B8B2 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 E5B8B2 Background



This preview shows how black text looks on a background with the Hex color E5B8B2.

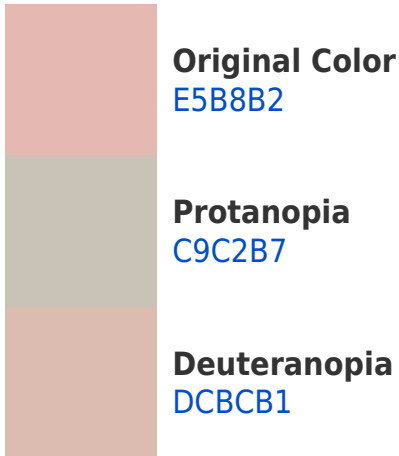


This preview shows how white text looks on a background with the Hex color E5B8B2.

# 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](#).

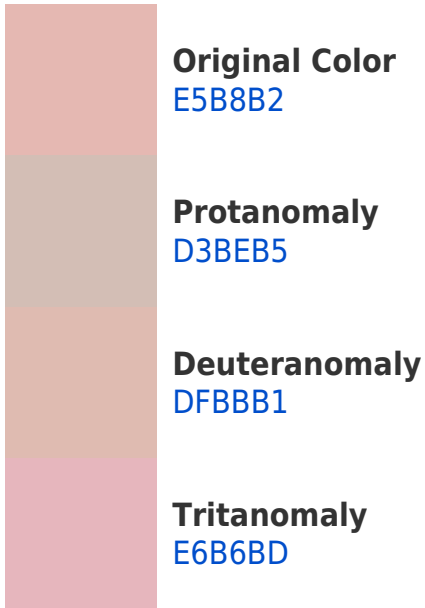
## Dichromacy



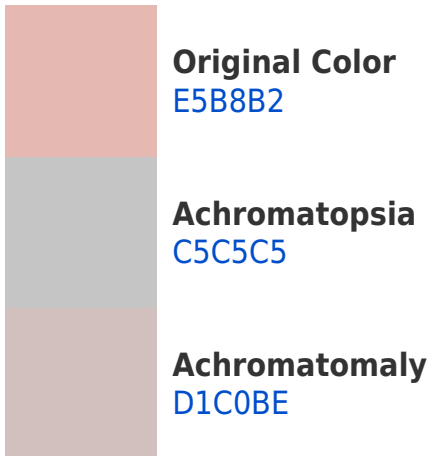


**Tritanopia**  
E7B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B8B2 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 #E5B8B2 looks like.

```
.text, #text, p{  
    color:#E5B8B2  
}
```

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 #E5B8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B8B2
}
```

## Border

The CSS property to change the border of an element to Hex E5B8B2 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
#E5B8B2 }
```

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

```
.border{ border-color:#E5B8B2 }
```

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

Here you see how a box with a 4 pixel #E5B8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B8B2; -webkit-box-shadow:4px 4px  
4px 4px #E5B8B2; box-shadow:4px 4px 4px  
4px #E5B8B2 }
```

# Background

The CSS property to change the background color of an element to Hex E5B8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B8B2 }
```

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

```
.background{ background-color:#E5B8B2 }
```

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