

Converting Colors

Hex(E68B85)

Have a look what the booklet for
Hex(E68B85) contains.

Hex(E68B85)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E68B85)

Conversions

Conversions Part 1

Format	Color
Hex	E68B85
RGB	230, 139, 133
RGB Percent	90%, 55%, 52%
CMY	0.0980, 0.4549, 0.4784
CMYK	0.00, 0.40, 0.42, 0.10
HSL	4°, 66%, 71%
HSV	4°, 42%, 90%
XYZ	46.0994, 36.9817, 26.8988
YIQ	165.5250, 56.1620, 17.4260

Conversions

Conversions Part 2

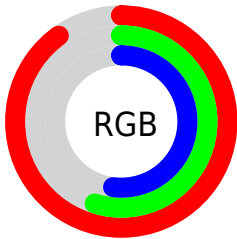
Format	Color
R _Y B	230, 139, 133
Decimal	15108997
CIE Lab	67.26, 33.95, 18.06
CIE LCh	67, 38.459, 28.015
Yxy	36.9817, 0.4192, 0.3363
Android (android.graphics.Color)	4293299077 (0xFFE68B85)
YUV	165.5250, -16.0348, 56.5446
Hunter-Lab	60.8126, 28.8911, 16.3435

Details

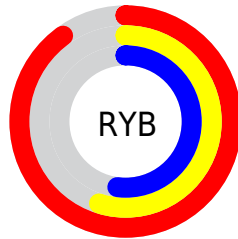
The Hex color **E68B85** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85E0E6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC2BA**, and **AC5753** is the 20% darker color. If you saturate the color by 10%, you get **E6756E**, and if you desaturate by 10%, it is **E6A19C**.

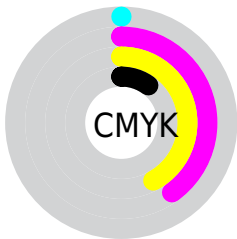
Distribution



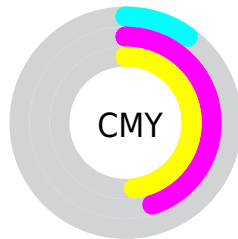
- Red (90%)
- Green (55%)
- Blue (52%)



- Red (90%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color E68B85 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 E68B85 by changing the saturation by 10% instead.

 E68B85

 E68B85

FFFFFF

 C8716C

 FFC2BA

 AC5753

 FFDED6

 8F3F3C

 FFFBF2

 732627

 580B12

 3D0000

 240001

 000000

 E68B85

 E68B85

 E6756E

 E6A19C

 E66057

 E6B6B3

 E64A40

 E6CCCA

 E63529

 E6E1E1

 E61F12

 E6F7F8

 E60E00

 E6FFFF

Harmonies

Analogous

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



E389A7



E68B85



D8956A

Triad

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



E68B85



70B37E



6CA8E9

Complementary

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



E68B85



85E0E6

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.



22B1DE



E68B85



3DB6A0

Square

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



E68B85



99AB65



00B5C3



A49CE1

Rectangle

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



E68B85



C69D60



00B5C3



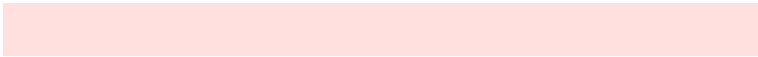
56ABE7

Sweetspot

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



E68B85



FFE0DE



E685E1



806C6B



000000



808080

Same Dimension

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



E68B85



FF857D



E6BA85



736867



B30B00



330300

Inverse Universe

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



85E0E6



7DF7FF



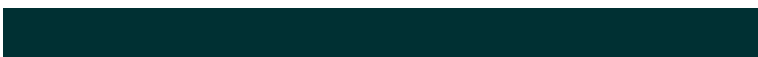
85B1E6



677273



00A7B3



003033

Previews

White Background



This preview shows how the Hex color E68B85 looks on a white background.

Color Contrast Check

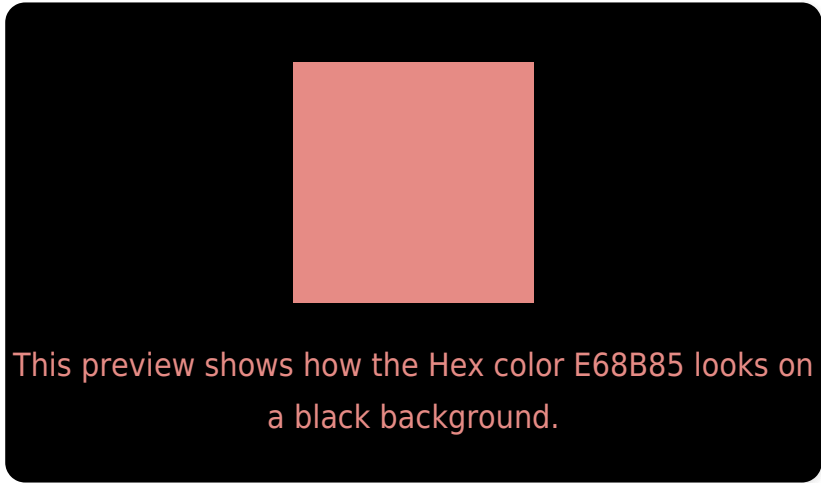
Large Text (above 18pt) WCAG AA × Fail

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 E68B85 Background



This preview shows how black text looks on a background with the Hex color E68B85.

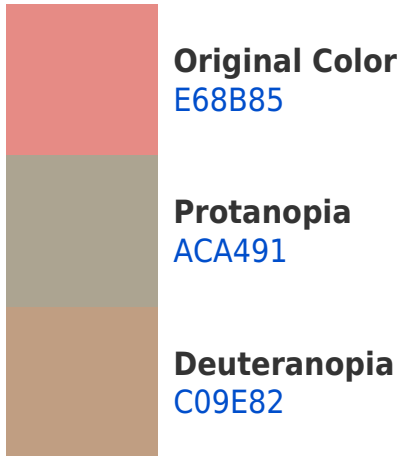


This preview shows how white text looks on a background with the Hex color E68B85.

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](#).

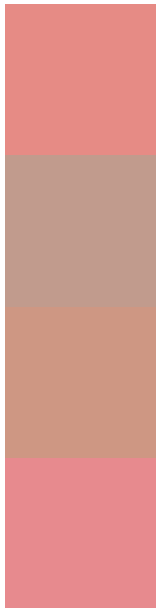
Dichromacy





Tritanopia
E78993

Trichromacy



Original Color
E68B85

Protanomaly
C19B8D

Deuteranomaly
CE9783

Tritanomaly
E78A8E

Monochromacy



Original Color
E68B85

Achromatopsia
A6A6A6

Achromatomaly
BD9C9A

CSS Examples

Text

The CSS property to change the color of the text to Hex E68B85 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 #E68B85 looks like.

```
.text, #text, p{  
    color:#E68B85  
}
```

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 #E68B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68B85
}
```

Border

The CSS property to change the border of an element to Hex E68B85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

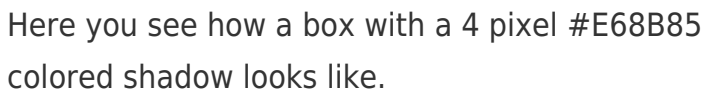
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E68B85 }
```

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

```
.border{ border-color:#E68B85 }
```

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



Here you see how a box with a 4 pixel #E68B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68B85; -webkit-box-shadow:4px 4px  
4px 4px #E68B85; box-shadow:4px 4px 4px  
4px #E68B85 }
```

Background

The CSS property to change the background color of an element to Hex E68B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68B85 }
```

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

```
.background{ background-color:#E68B85 }
```

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