

# Converting Colors

Hex(E68E91)

Have a look what the booklet for  
Hex(E68E91) contains.

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# **Color**

**Hex(E68E91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E68E91
RGB	230, 142, 145
RGB Percent	90%, 56%, 57%
CMY	0.0980, 0.4431, 0.4314
CMYK	0.00, 0.38, 0.37, 0.10
HSL	358°, 64%, 73%
HSV	358°, 38%, 90%
XYZ	47.4170, 38.2133, 31.6648
YIQ	168.6540, 51.4850, 19.5890

# Conversions

## Conversions Part 2

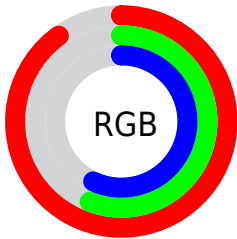
Format	Color
R <sub>Y</sub> B	230, 142, 145
Decimal	15109777
CIE Lab	68.18, 33.72, 12.63
CIE LCh	68, 36.006, 20.531
Yxy	38.2133, 0.4043, 0.3258
Android (android.graphics.Color)	4293299857 (0xFFE68E91)
YUV	168.6540, -11.6614, 53.8004
Hunter-Lab	61.8169, 28.7396, 12.9014

# Details

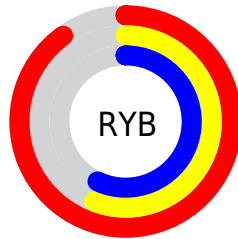
The Hex color **E68E91** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8EE6E3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC5C7**, and **AC5A5F** is the 20% darker color. If you saturate the color by 10%, you get **E6777B**, and if you desaturate by 10%, it is **E6A5A7**.

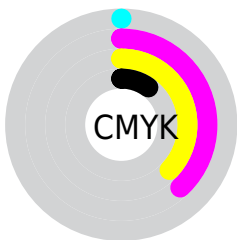
# Distribution



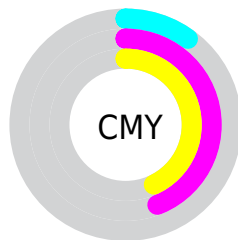
- Red (90%)
- Green (56%)
- Blue (57%)



- Red (90%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (10%)



- Cyan (10%)
- Magenta (44%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E68E91 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 E68E91 by changing the saturation by 10% instead.



 E68E91

 E68E91

FFFFFF

 C97477

 FFC5C7

 AC5A5F

 FFE1E3

 904147

FFFEFF

 742931

 590F1C

 3F0001

 270001

 000000

 E68E91

 E68E91

 E6777B

 E6A5A7

 E66065

 E6BCBD

 E6494E

 E6D3D4

 E63238

 E6EAEA

 E61B22

 E6FFFF

 E6040C

 E60008

# Harmonies

## Analogous

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



DF8EB2



E68E91



DC9675

# Triad

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



E68E91



80B37C



66ACE6

# Complementary

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



E68E91



8EE6E3

# 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.



30B4D7



E68E91



56B79A

# Square

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



E68E91



A5AB68



2BB7BC



9BA2E3

# Rectangle

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



E68E91



CE9D69



2BB7BC



53AFE3

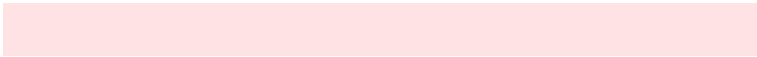


# Sweetspot

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



E68E91



FFE3E4



E28EE6



806F6F



000000



808080



# Same Dimension

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



E68E91



FF8A8E



E6B68E



736768



B30006



330002



# Inverse Universe

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



E68E91



FF8A8E



8EBEE6



736768



B30006



330002



# Previews

## White Background



This preview shows how the Hex color E68E91 looks on a white background.

## Color Contrast Check

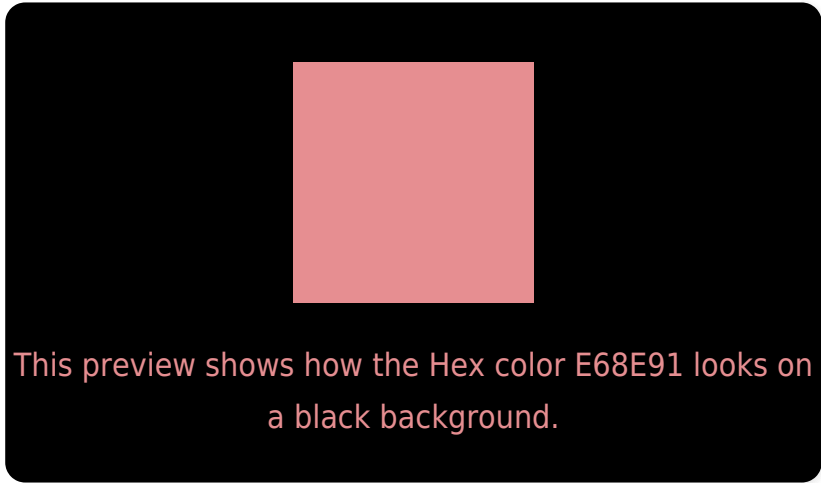
Large Text (above 18pt) WCAG AA × Fail

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 E68E91 Background



This preview shows how black text looks on a background with the Hex color E68E91.



This preview shows how white text looks on a background with the Hex color E68E91.

# 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](#).

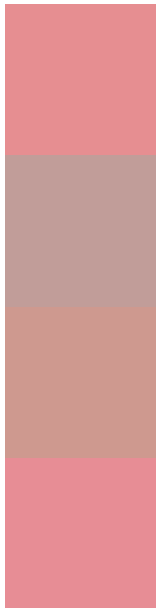
## Dichromacy





**Tritanopia**  
E78D97

# Trichromacy



**Original Color**  
E68E91

**Protanomaly**  
C19D99

**Deuteranomaly**  
CE998F

**Tritanomaly**  
E78D95

# Monochromacy



**Original Color**  
E68E91

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
BF9FA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E68E91 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 #E68E91 looks like.

```
.text, #text, p{  
    color:#E68E91  
}
```

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 #E68E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68E91
}
```

## Border

The CSS property to change the border of an element to Hex E68E91 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
#E68E91 }
```

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

```
.border{ border-color:#E68E91 }
```

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

Here you see how a box with a 4 pixel #E68E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68E91; -webkit-box-shadow:4px 4px  
4px 4px #E68E91; box-shadow:4px 4px 4px  
4px #E68E91 }
```

# Background

The CSS property to change the background color of an element to Hex E68E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68E91 }
```

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

```
.background{ background-color:#E68E91 }
```

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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