

# Converting Colors

Hex(E6938A)

Have a look what the booklet for  
Hex(E6938A) contains.

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# **Color**

**Hex(E6938A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6938A
RGB	230, 147, 138
RGB Percent	90%, 58%, 54%
CMY	0.0980, 0.4235, 0.4588
CMYK	0.00, 0.36, 0.40, 0.10
HSL	6°, 65%, 72%
HSV	6°, 40%, 90%
XYZ	47.6543, 39.5254, 29.1623
YIQ	170.7910, 52.3570, 14.7970

# Conversions

## Conversions Part 2

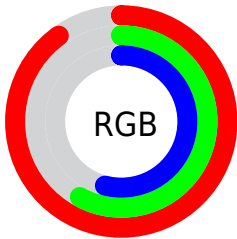
Format	Color
R <sub>Y</sub> B	230, 148, 138
Decimal	15111050
CIE Lab	69.13, 30.27, 17.86
CIE LCh	69, 35.148, 30.534
Yxy	39.5254, 0.4096, 0.3397
Android (android.graphics.Color)	4293301130 (0xFFE6938A)
YUV	170.7910, -16.1660, 51.9263
Hunter-Lab	62.8692, 25.2802, 16.5064

# Details

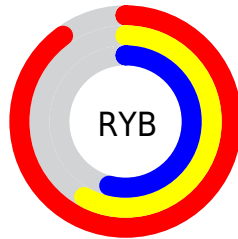
The Hex color **E6938A** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8ADDE6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCABF**, and **AC5F58** is the 20% darker color. If you saturate the color by 10%, you get **E67E73**, and if you desaturate by 10%, it is **E6A8A1**.

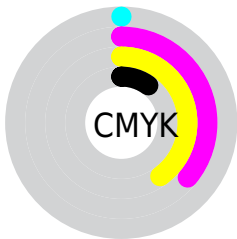
# Distribution



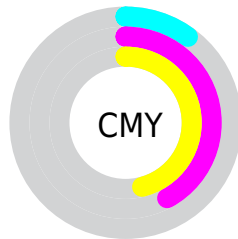
- Red (90%)
- Green (58%)
- Blue (54%)



- Red (90%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6938A 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 E6938A by changing the saturation by 10% instead.



 E6938A

 E6938A

FFFFFF

 C97971

 FFCABF

 AC5F58

 FFE6DB

 904741

 FFFFF8

 742F2B

 591716

 3F0000

 280001

 000000

 E6938A

 E6938A

 E67E73

 E6A8A1

 E66A5C

 E6BDB8

 E65545

 E6D1CF

 E6402E

 E6E6E6

 E62B17

 E6FBFD

 E61600

 E6FFFF

# Harmonies

## Analogous

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



E590A9



E6938A



D89C72

# Triad

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



E6938A



76B788



7DACE8

# Complementary

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



E6938A



8ADDE6

# 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.



49B4DF



E6938A



4EBAA8

# Square

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



E6938A



9CB171



30B9C8



ADA0E0

# Rectangle

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



E6938A



C7A36A



30B9C8



6BAFE7

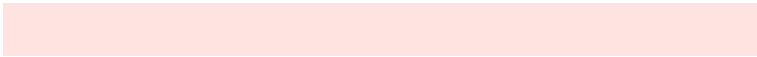


# Sweetspot

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



E6938A



FFE3E0



E68ADE



806F6E



000000



808080



# Same Dimension

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



E6938A



FF9185



E6C08A



736867



B31100



330500



# Inverse Universe

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



8ADDE6



85F3FF



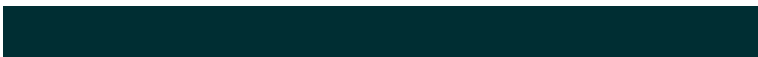
8AB0E6



677273



00A1B3



002E33



# Previews

## White Background



This preview shows how the Hex color E6938A looks on a white background.

## Color Contrast Check

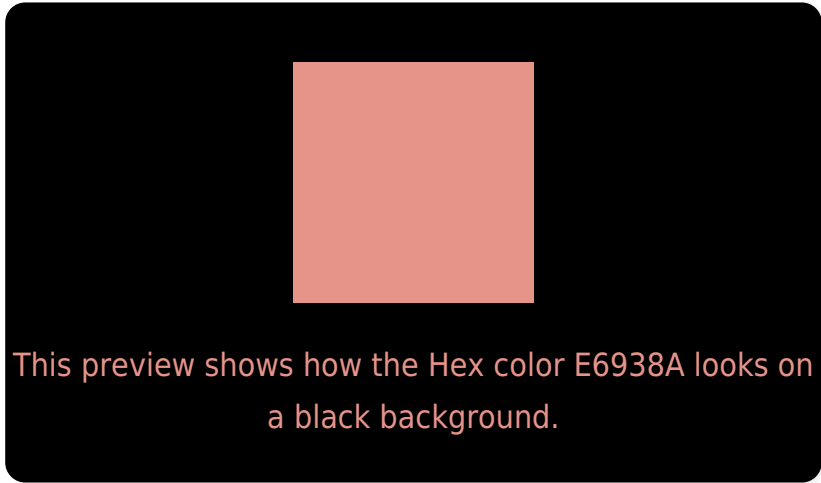
Large Text (above 18pt) WCAG AA × Fail

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 E6938A Background



This preview shows how black text looks on a background with the Hex color E6938A.

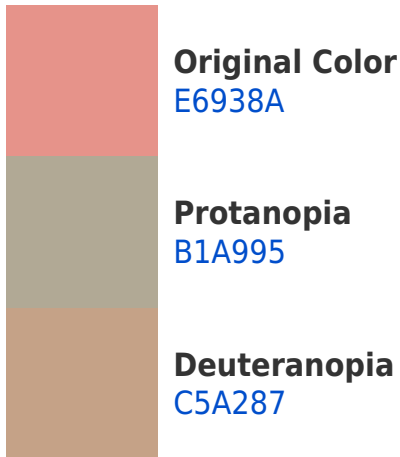


This preview shows how white text looks on a background with the Hex color E6938A.

# 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**  
E8909B

# Trichromacy



**Original Color**  
E6938A

**Protanomaly**  
C4A191

**Deuteranomaly**  
D19D88

**Tritanomaly**  
E79195

# Monochromacy



**Original Color**  
E6938A

**Achromatopsia**  
ABABAB

**Achromatomaly**  
C0A29F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6938A 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 #E6938A looks like.

```
.text, #text, p{  
    color:#E6938A  
}
```

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 #E6938A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6938A
}
```

## Border

The CSS property to change the border of an element to Hex E6938A 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
#E6938A }
```

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

```
.border{ border-color:#E6938A }
```

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

Here you see how a box with a 4 pixel #E6938A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6938A; -webkit-box-shadow:4px 4px  
4px 4px #E6938A; box-shadow:4px 4px 4px  
4px #E6938A }
```

# Background

The CSS property to change the background color of an element to Hex E6938A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6938A }
```

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

```
.background{ background-color:#E6938A }
```

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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