

# Converting Colors

Hex(E6F38A)

Have a look what the booklet for  
Hex(E6F38A) contains.

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# **Color**

**Hex(E6F38A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6F38A
RGB	230, 243, 138
RGB Percent	90%, 95%, 54%
CMY	0.0980, 0.0471, 0.4588
CMYK	0.05, 0.00, 0.43, 0.05
HSL	67°, 81%, 75%
HSV	67°, 43%, 95%
XYZ	69.2712, 82.7592, 36.3679
YIQ	227.1430, 25.9570, -35.4110

# Conversions

## Conversions Part 2

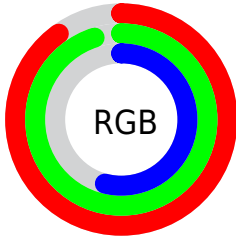
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 243, 151
Decimal	15135626
CIELab	92.91, -19.47, 49.01
CIELCh	93, 52.735, 111.671
Yxy	82.7592, 0.3677, 0.4393
Android (android.graphics.Color)	4293325706 (0xFFE6F38A)
YUV	227.1430, -43.9475, 2.5056
Hunter-Lab	90.9721, -23.2813, 39.9781

# Details

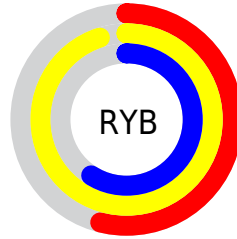
The Hex color **E6F38A** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **978AF3**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFC1**, and **ADBB55** is the 20% darker color. If you saturate the color by 10%, you get **E3F372**, and if you desaturate by 10%, it is **E9F3A2**.

# Distribution



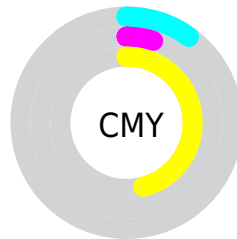
- Red (90%)
- Green (95%)
- Blue (54%)



- Red (54%)
- Yellow (95%)
- Blue (59%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6F38A 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 E6F38A by changing the saturation by 10% instead.



 E6F38A

 E6F38A

FFFFFF

 C9D76F

 FFFFC1

 ADBB55

 FFFFDD

 91A03C

 FFFFFA

 768621

 5C6D00

 425400

 293D00

 0F2700

 001200

 E6F38A

 E6F38A

 E3F372

 E9F3A2

 E0F359

 ECF3BB

 DDF341

 EFF3D3

 DAF329

 F2F3EB

 D7F311

 F5F3FF

 D5F300

 F8F3FF

 FBF3FF

 FEF3FF

 FFF3FF

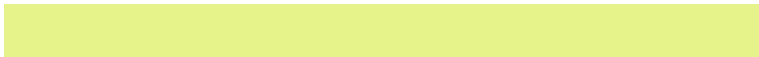
# Harmonies

## Analogous

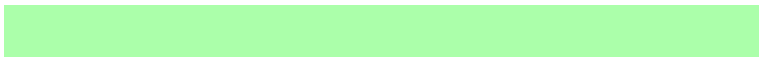
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE385



E6F38A



ABFFAA

# Triad

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



E6F38A



00FFFF



FFC4FB

# Complementary

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



E6F38A



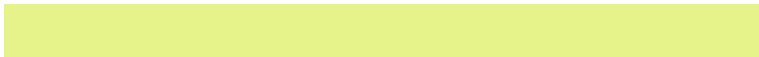
978AF3

# 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.



FFD0FF



E6F38A



80F4FF

# Square

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



E6F38A



00FFFF



DBE3FF



FFC4C8

# Rectangle

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



E6F38A



7DFFC9



DBE3FF



FFC6FF



# Sweetspot

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



E6F38A



FBFFDE



F3968A



7D806B



000000



808080



# Same Dimension

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



E6F38A



EFFF7A



B2F38A



797A6E



A3BA00



333B00



# Inverse Universe

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



978AF3



8B7AFF



CB8AF3



706E7A



1700BA

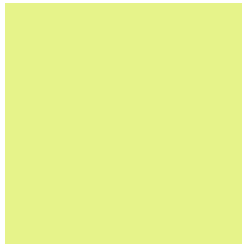


07003B



# Previews

## White Background



This preview shows how the Hex color E6F38A looks on a white background.

## Color Contrast Check

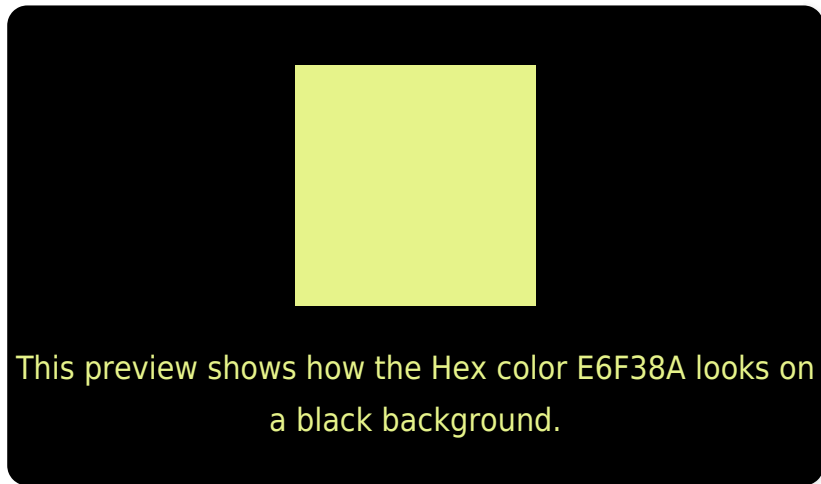
Large Text (above 18pt) WCAG AA × Fail

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

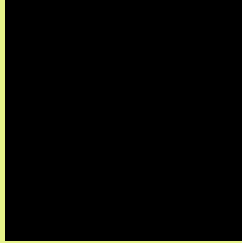
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6F38A Background



This preview shows how black text looks on a background with the Hex color E6F38A.

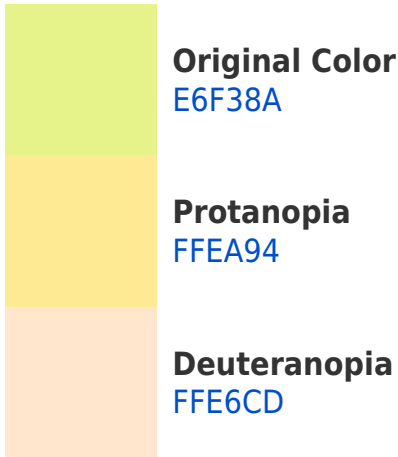


This preview shows how white text looks on a background with the Hex color E6F38A.

# 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**  
F3E6F8

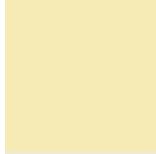
# Trichromacy



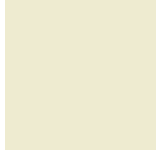
**Original Color**  
E6F38A



**Protanomaly**  
F6ED90



**Deuteranomaly**  
F6EBB5

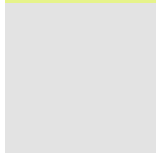


**Tritanomaly**  
EEEBD0

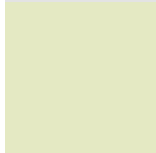
# Monochromacy



**Original Color**  
E6F38A



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E4E9C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6F38A 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 #E6F38A looks like.

```
.text, #text, p{  
    color:#E6F38A  
}
```

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 #E6F38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F38A
}
```

## Border

The CSS property to change the border of an element to Hex E6F38A 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
#E6F38A }
```

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

```
.border{ border-color:#E6F38A }
```

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

Here you see how a box with a 4 pixel #E6F38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F38A; -webkit-box-shadow:4px 4px  
4px 4px #E6F38A; box-shadow:4px 4px 4px  
4px #E6F38A }
```

# Background

The CSS property to change the background color of an element to Hex E6F38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F38A }
```

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

```
.background{ background-color:#E6F38A }
```

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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