

# Converting Colors

Hex(E6F9A2)

Have a look what the booklet for  
Hex(E6F9A2) contains.

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# **Color**

**Hex(E6F9A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6F9A2
RGB	230, 249, 162
RGB Percent	90%, 98%, 64%
CMY	0.0980, 0.0235, 0.3647
CMYK	0.08, 0.00, 0.35, 0.02
HSL	73°, 88%, 81%
HSV	73°, 35%, 98%
XYZ	73.0304, 87.1830, 47.1613
YIQ	233.4010, 16.6030, -31.0850

# Conversions

## Conversions Part 2

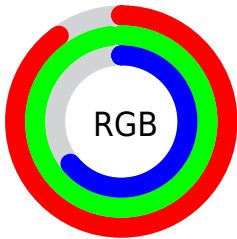
Format	Color
<a href="#">RYB</a>	<a href="#">162, 249, 181</a>
Decimal	<a href="#">15137186</a>
CIELab	<a href="#">94.82, -19.70, 39.74</a>
CIElCh	<a href="#">95, 44.352, 116.366</a>
Yxy	<a href="#">87.1830, 0.3522, 0.4204</a>
Android (android.graphics.Color)	<a href="#">4293327266 (0xFFE6F9A2)</a>
YUV	<a href="#">233.4010, -35.2007, -2.9827</a>
Hunter-Lab	<a href="#">93.3718, -23.7877, 35.4134</a>

# Details

The Hex color **E6F9A2** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B5A2F9**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFDA**, and **ADC16D** is the 20% darker color. If you saturate the color by 10%, you get **E1F989**, and if you desaturate by 10%, it is **EBF9BB**.

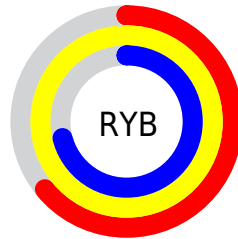
# Distribution



Red (90%)

Green (98%)

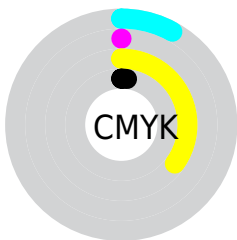
Blue (64%)



Red (64%)

Yellow (98%)

Blue (71%)

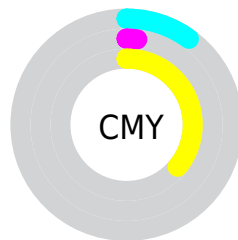


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (2%)



Cyan (10%)

Magenta (2%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6F9A2 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 E6F9A2 by changing the saturation by 10% instead.



 E6F9A2

FFFFFF

 FFFFDA

 FFFFF6

 E6F9A2

 C9DC87

 ADC16D

 92A554

 778B3B

 5E7222

 445907

 2D4200

 142B00

 001900

 E6F9A2

 E6F9A2

 E1F989

 EBF9BB

 DBF970

 F1F9D4

 D6F957

 F6F9ED

 D0F93E

 FCF9FF

 CBF925

 FFF9FF

 C5F90D

 C3F900

# Harmonies

## Analogous

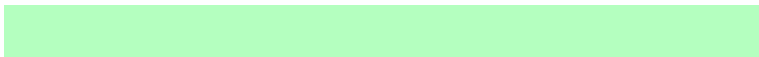
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC9A



E6F9A2



B4FFBF

# Triad

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



E6F9A2



6BFFFF



FFD0F7

# Complementary

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



E6F9A2



B5A2F9

# 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.



FFD8FF



E6F9A2



ACF6FF

# Square

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



E6F9A2



56FFFF



EEE7FF



FFD2CC

# Rectangle

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



E6F9A2



91FFDA



EEE7FF



FFD2FF



# Sweetspot

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



E6F9A2



F9FFE6



F9B5A2



7C8070



000000



808080



# Same Dimension

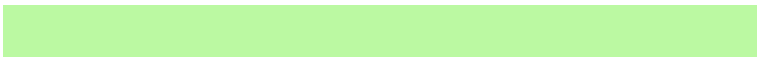
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6F9A2



E8FF94



BBF9A2



7A7D70



93BD00



303D00



# Inverse Universe

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



B5A2F9



AB94FF



E0A2F9



73707D



2900BD

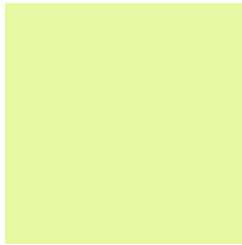


0D003D



# Previews

## White Background



This preview shows how the Hex color E6F9A2 looks on a white background.

## Color Contrast Check

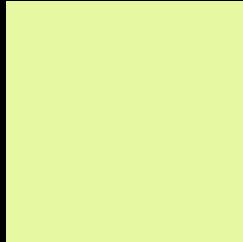
Large Text (above 18pt) WCAG AA × Fail

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 E6F9A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

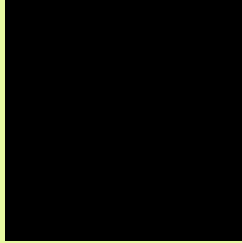
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6F9A2 Background



This preview shows how black text looks on a background with the Hex color E6F9A2.

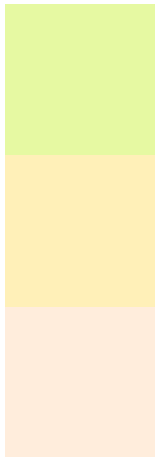


This preview shows how white text looks on a background with the Hex color E6F9A2.

# 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



**Original Color**  
E6F9A2

**Protanopia**  
FFF0B8

**Deuteranopia**  
FFEDDC

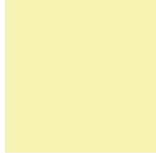


**Tritanopia**  
F2EEFF

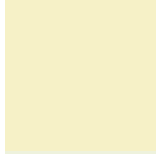
# Trichromacy



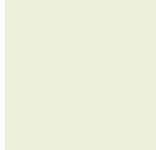
**Original Color**  
E6F9A2



**Protanomaly**  
F6F3B0

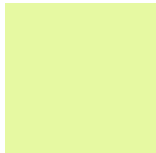


**Deuteranomaly**  
F6F1C7

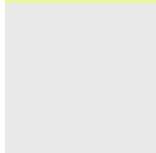


**Tritanomaly**  
EEF2DD

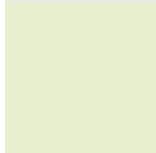
# Monochromacy



**Original Color**  
E6F9A2



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
E8EFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6F9A2 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 #E6F9A2 looks like.

```
.text, #text, p{  
    color:#E6F9A2  
}
```

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 #E6F9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F9A2
}
```

## Border

The CSS property to change the border of an element to Hex E6F9A2 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
#E6F9A2 }
```

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

```
.border{ border-color:#E6F9A2 }
```

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

Here you see how a box with a 4 pixel #E6F9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F9A2; -webkit-box-shadow:4px 4px  
4px 4px #E6F9A2; box-shadow:4px 4px 4px  
4px #E6F9A2 }
```

# Background

The CSS property to change the background color of an element to Hex E6F9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F9A2 }
```

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

```
.background{ background-color:#E6F9A2 }
```

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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