

# Converting Colors

Hex(ECF9B9)

Have a look what the booklet for  
Hex(ECF9B9) contains.

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# **Color**

**Hex(ECF9B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF9B9
RGB	236, 249, 185
RGB Percent	93%, 98%, 73%
CMY	0.0745, 0.0235, 0.2745
CMYK	0.05, 0.00, 0.26, 0.02
HSL	72°, 84%, 85%
HSV	72°, 26%, 98%
XYZ	77.2247, 89.0870, 59.0243
YIQ	237.8170, 12.7960, -22.6600

# Conversions

## Conversions Part 2

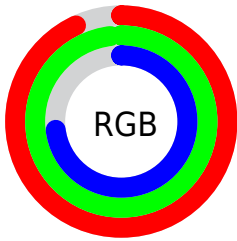
Format	Color
<a href="#">RYB</a>	<a href="#">185, 249, 198</a>
Decimal	<a href="#">15530425</a>
CIELab	<a href="#">95.62, -14.54, 29.37</a>
CIELCh	<a href="#">96, 32.772, 116.348</a>
Yxy	<a href="#">89.0870, 0.3427, 0.3954</a>
Android (android.graphics.Color)	<a href="#">4293720505</a> ( <a href="#">0xFFECEF9B9</a> )
YUV	<a href="#">237.8170, -26.0388, -1.5935</a>
Hunter-Lab	<a href="#">94.3859, -19.1301, 28.9931</a>

# Details

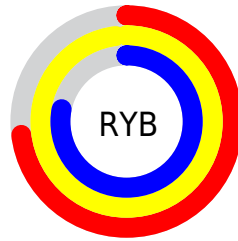
The Hex color **ECF9B9** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C6B9F9**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFF1**, and **B4C183** is the 20% darker color. If you saturate the color by 10%, you get **E7F9A0**, and if you desaturate by 10%, it is **F1F9D2**.

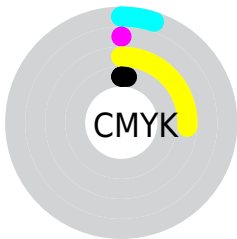
# Distribution



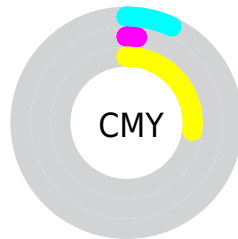
- Red (93%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECF9B9 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 ECF9B9 by changing the saturation by 10% instead.



 ECF9B9

FFFFFF

 FFFFF1

 ECF9B9

 CFDC9E

 B4C183

 98A56A

 7E8B51

 647239

 4C5922

 34420B

 1E2C00

 001800

 ECF9B9

 ECF9B9

 E7F9A0

 F1F9D2

 E2F987

 F6F9EB

 DDF96E

 FBF9FF

 D8F955

 FFF9FF

 D3F93D

 CEF924

 C9F90B

 C6F900

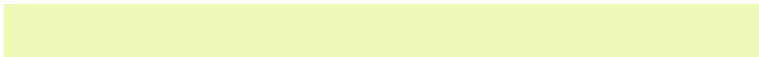
# Harmonies

## Analogous

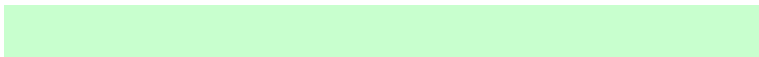
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEFB3



ECF9B9



C8FFCE

# Triad

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



ECF9B9



A1FFFF



FFDCF8

# Complementary

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



ECF9B9



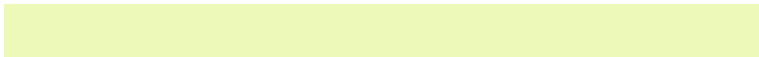
C6B9F9

# 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.



FFE1FF



ECF9B9



C6F6FF

# Square

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



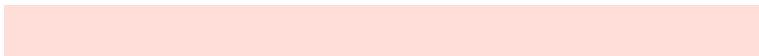
ECF9B9



95FFFF



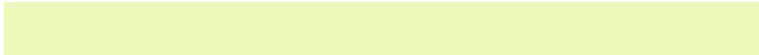
F2ECFF



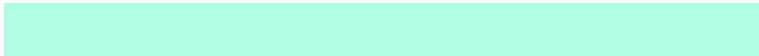
FFDD8

# Rectangle

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



ECF9B9



B1FFE2



F2ECFF

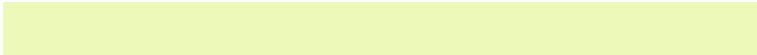


FFDDFF



# Sweetspot

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



ECF9B9



FBFFEB



F9C6B9



7D8073



000000

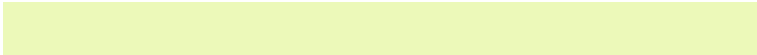


808080

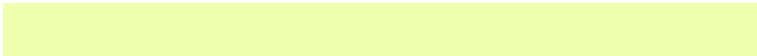


# Same Dimension

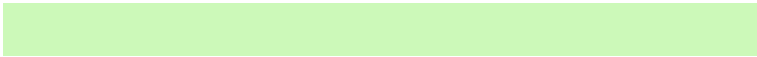
The Same Dimension uses a secret algorithm to generate beautiful new colors.



ECF9B9



EFFFB0



CCF9B9



7A7D70



96BD00



313D00



# Inverse Universe

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



C6B9F9



C0B0FF



E6B9F9



73707D



2600BD

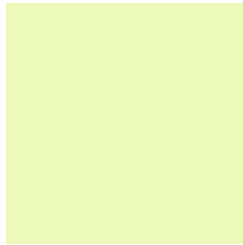


0C003D



# Previews

## White Background



This preview shows how the Hex color ECF9B9 looks on a white background.

## Color Contrast Check

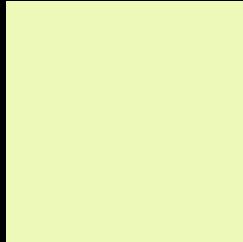
Large Text (above 18pt) WCAG AA × Fail

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 ECF9B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

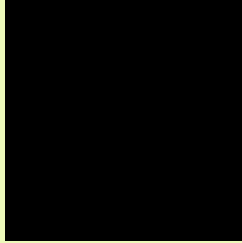
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

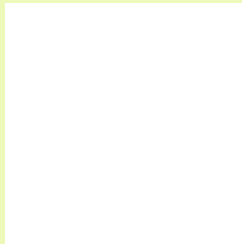
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECF9B9 Background



This preview shows how black text looks on a background with the Hex color ECF9B9.

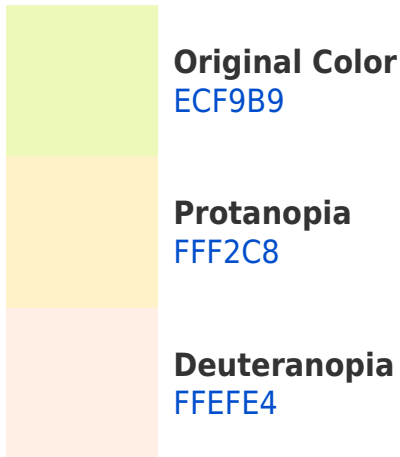


This preview shows how white text looks on a background with the Hex color ECF9B9.

# 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



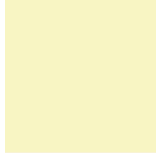


**Tritanopia**  
F5F0FF

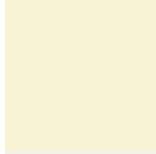
# Trichromacy



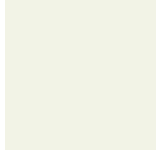
**Original Color**  
ECF9B9



**Protanomaly**  
F8F5C3

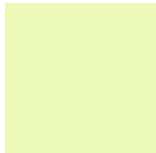


**Deuteranomaly**  
F8F3D4

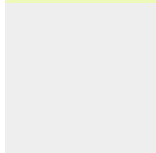


**Tritanomaly**  
F2F3E6

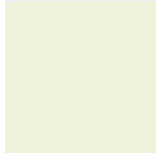
# Monochromacy



**Original Color**  
ECF9B9



**Achromatopsia**  
EEEEEE



**Achromatomaly**  
EDF2DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECF9B9 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 #ECF9B9 looks like.

```
.text, #text, p{  
    color:#ECF9B9  
}
```

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 #ECF9B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECF9B9
}
```

## Border

The CSS property to change the border of an element to Hex ECF9B9 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
#ECF9B9 }
```

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

```
.border{ border-color:#ECF9B9 }
```

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

Here you see how a box with a 4 pixel #ECF9B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECF9B9; -webkit-box-shadow:4px 4px  
4px 4px #ECF9B9; box-shadow:4px 4px 4px  
4px #ECF9B9 }
```

# Background

The CSS property to change the background color of an element to Hex ECF9B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECF9B9 }
```

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

```
.background{ background-color:#ECF9B9 }
```

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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