

# Converting Colors

Hex(ECEFB1)

Have a look what the booklet for  
Hex(ECEFB1) contains.

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# **Color**

**Hex(ECEFB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECEFB1
RGB	236, 239, 177
RGB Percent	93%, 94%, 69%
CMY	0.0745, 0.0627, 0.3059
CMYK	0.01, 0.00, 0.26, 0.06
HSL	63°, 66%, 82%
HSV	63°, 26%, 94%
XYZ	73.3944, 82.7402, 53.6971
YIQ	231.0350, 18.1140, -19.9180

# Conversions

## Conversions Part 2

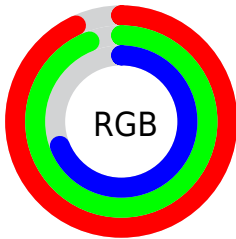
Format	Color
<a href="#">RYB</a>	<a href="#">177, 239, 180</a>
Decimal	<a href="#">15527857</a>
CIELab	<a href="#">92.90, -10.68, 29.75</a>
CIELCh	<a href="#">93, 31.606, 109.753</a>
Yxy	<a href="#">82.7402, 0.3498, 0.3943</a>
Android (android.graphics.Color)	<a href="#">4293717937</a> (0xFFECEFB1)
YUV	<a href="#">231.0350, -26.6393, 4.3543</a>
Hunter-Lab	<a href="#">90.9616, -15.1562, 28.6726</a>

# Details

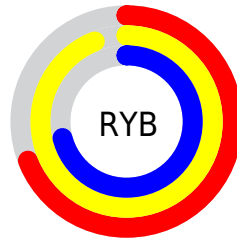
The Hex color **ECEFB1** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B4B1EF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFE9**, and **B4B77C** is the 20% darker color. If you saturate the color by 10%, you get **EBEF99**, and if you desaturate by 10%, it is **EDEF99**.

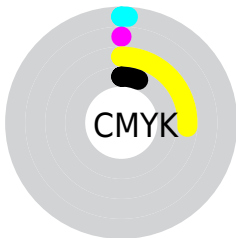
# Distribution



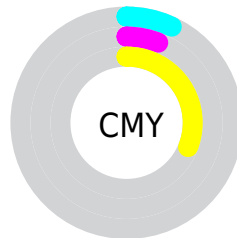
- Red (93%)
- Green (94%)
- Blue (69%)



- Red (69%)
- Yellow (94%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECEFB1 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 ECEFB1 by changing the saturation by 10% instead.



 ECEFB1

FFFFFF

 FFFFE9

 ECEFB1

 CFD396

 B4B77C

 989C63

 7E824A

 646933

 4B511C

 343A04

 1D2500

 001100

 ECEF81

 ECEF81

 EBEF99

 EDEF89

 EAEF81

 EEEFE1

 E9EF69

 EFEFF9

 E7EF51

 F1EFFF

 E6EF39

 F2EFFF

 E5EF22

 F3EFFF

 E4EF0A

 F4EFFF

 E3EF00

 F5EFFF

 F6EFFF

# Harmonies

## Analogous

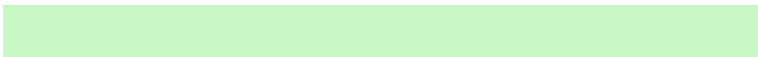
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE5AF



ECEFB1



C9F7C3

# Triad

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



ECEFB1



98F8FF



FFD6F6

# Complementary

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



ECEF81



B4B1E8

# Split Complementary

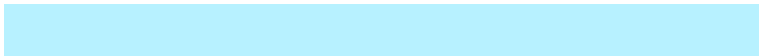
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDCFF



ECEF81



B7E1FF

# Square

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



ECEF81



93FCFE



E1E6FF



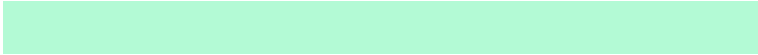
FFD5D7

# Rectangle

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



ECEF81



B3FAD5



E1E6FF



FFD7FF



# Sweetspot

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



ECEFB1



FEFFEB



EFB3B1



7F8073



000000



808080



# Same Dimension

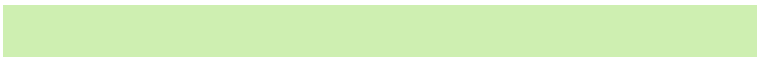
The Same Dimension uses a secret algorithm to generate beautiful new colors.



ECEFB1



FBFFB0



CEEFB1



77786C



AFB800



353800



# Inverse Universe

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



B4B1EF



B4B0FF



D2B1EF



6C6C78



0900B8

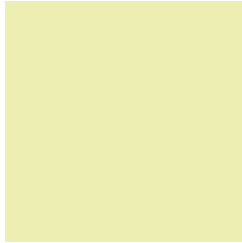


030038



# Previews

## White Background



This preview shows how the Hex color ECEFB1 looks on a white background.

## Color Contrast Check

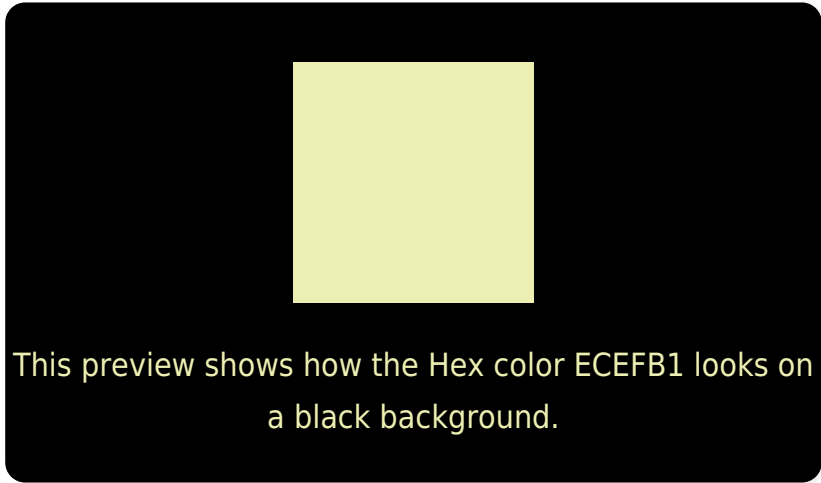
Large Text (above 18pt) WCAG AA × Fail

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

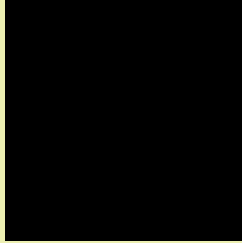
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECEFB1 Background



This preview shows how black text looks on a background with the Hex color ECEFB1.

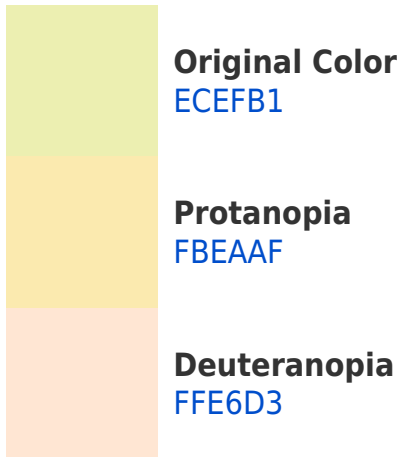


This preview shows how white text looks on a background with the Hex color ECEFB1.

# 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](#).

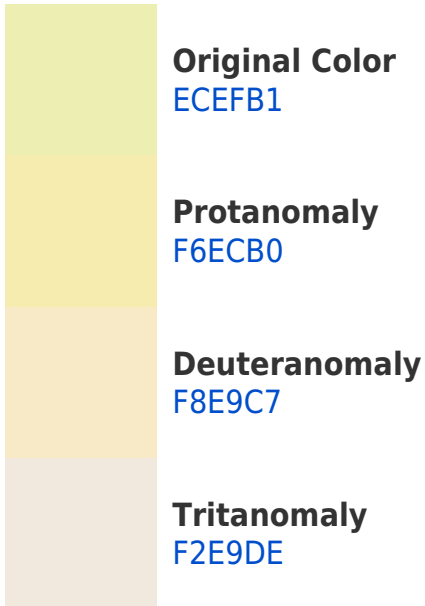
## Dichromacy





**Tritanopia**  
F5E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECEFB1 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 #ECEFB1 looks like.

```
.text, #text, p{  
    color:#ECEFB1  
}
```

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 #ECEFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECEFB1
}
```

## Border

The CSS property to change the border of an element to Hex ECEFB1 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
#ECEFB1 }
```

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

```
.border{ border-color:#ECEFB1 }
```

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

Here you see how a box with a 4 pixel #ECEFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECEFB1; -webkit-box-shadow:4px 4px  
4px 4px #ECEFB1; box-shadow:4px 4px 4px  
4px #ECEFB1 }
```

# Background

The CSS property to change the background color of an element to Hex ECEFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECEFB1 }
```

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

```
.background{ background-color:#ECEFB1 }
```

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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