

Converting Colors

Hex(E0F8B0)

Have a look what the booklet for
Hex(E0F8B0) contains.

Hex(E0F8B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0F8B0)

Conversions

Conversions Part 1

Format	Color
Hex	E0F8B0
RGB	224, 248, 176
RGB Percent	88%, 97%, 69%
CMY	0.1216, 0.0275, 0.3098
CMYK	0.10, 0.00, 0.29, 0.03
HSL	80°, 84%, 83%
HSV	80°, 29%, 97%
XYZ	72.1443, 86.1167, 53.8941
YIQ	232.6160, 8.8080, -27.4800

Conversions

Conversions Part 2

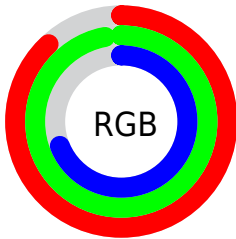
Format	Color
RYB	176, 248, 200
Decimal	14743728
CIELab	94.36, -19.60, 32.07
CIElCh	94, 37.589, 121.431
Yxy	86.1167, 0.3401, 0.4059
Android (android.graphics.Color)	4292933808 (0xFFE0F8B0)
YUV	232.6160, -27.9117, -7.5562
Hunter-Lab	92.7991, -23.6280, 30.5260

Details

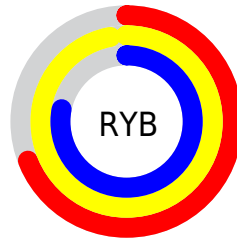
The Hex color **E0F8B0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C8B0F8**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFE8**, and **A8C07B** is the 20% darker color. If you saturate the color by 10%, you get **D8F897**, and if you desaturate by 10%, it is **E8F8C9**.

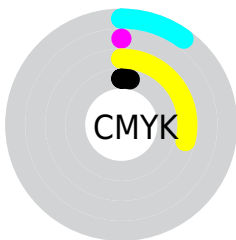
Distribution



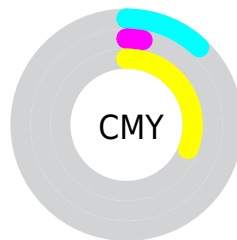
- Red (88%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0F8B0 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 E0F8B0 by changing the saturation by 10% instead.

 E0F8B0

FFFFFF

 FFFFE8

 E0F8B0

 C4DB95

 A8C07B

 8DA461

 738A49

 5A7131

 41581A

 294101

 132A00

 001800

 E0F8B0

 E0F8B0

 D8F897

 E8F8C9

 CFF87E

 F1F8E2

 C7F866

 F9F8FA

 BFF84D

 FFF8FF

 B7F834

 AEF81B

 A6F802

 A5F800

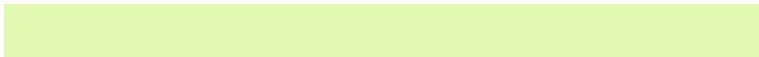
Harmonies

Analogous

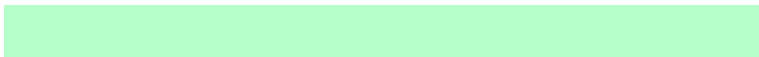
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEDA6



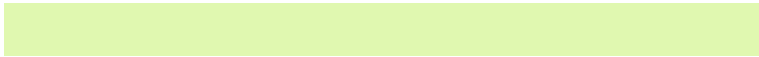
E0F8B0



B6FFCB

Triad

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



E0F8B0



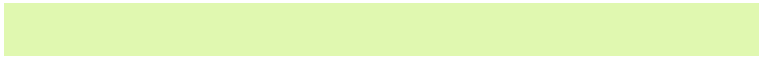
91FCFF



FFD4EE

Complementary

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



E0F8B0



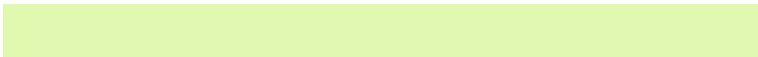
C8B0F8

Split Complementary

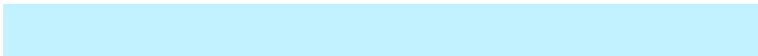
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD9FF



EOF8B0



C2F2FF

Square

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



E0F8B0



7CFFFF



F6E5FF



FFD7CB

Rectangle

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



E0F8B0



9BFFE3



F6E5FF



FFD5FB

Sweetspot

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



E0F8B0



F7FFE8



F8C8B0



7B8071



000000



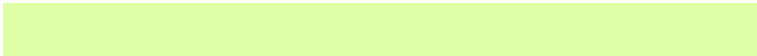
808080

Same Dimension

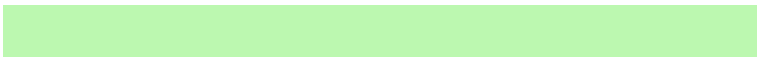
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E0F8B0



E1FFA6



BCF8B0



797D70



7EBD00



293D00

Inverse Universe

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



C8B0F8



C3A6FF



ECB0F8



75707D



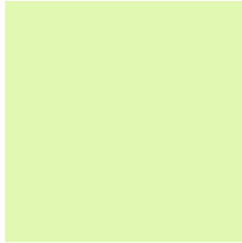
3F00BD



14003D

Previews

White Background



This preview shows how the Hex color E0F8B0 looks on a white background.

Color Contrast Check

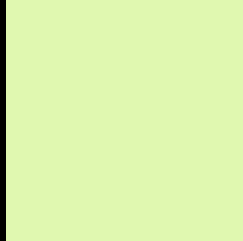
Large Text (above 18pt) WCAG AA × Fail

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 E0F8B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

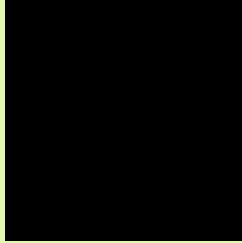
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

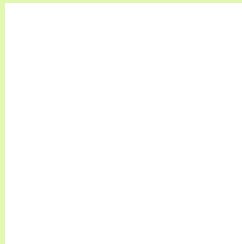
Any Text WCAG AAA ✓ Pass

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

Hex E0F8B0 Background



This preview shows how black text looks on a background with the Hex color E0F8B0.

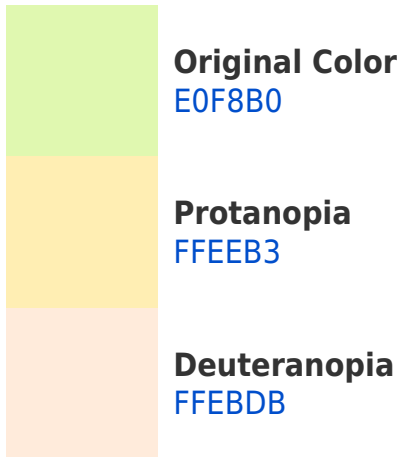


This preview shows how white text looks on a background with the Hex color E0F8B0.

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](#).

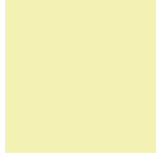
Dichromacy



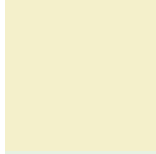
Trichromacy



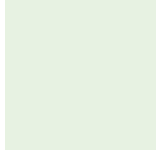
Original Color
E0F8B0



Protanomaly
F4F2B2

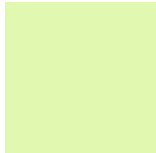


Deuteranomaly
F4F0CB

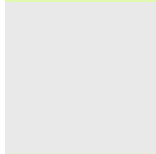


Tritanomaly
E7F2E2

Monochromacy



Original Color
E0F8B0



Achromatopsia
E9E9E9



Achromatomaly
E6EED4

CSS Examples

Text

The CSS property to change the color of the text to Hex E0F8B0 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 #E0F8B0 looks like.

```
.text, #text, p{  
    color:#E0F8B0  
}
```

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 #E0F8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0F8B0
}
```

Border

The CSS property to change the border of an element to Hex E0F8B0 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
#E0F8B0 }
```

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

```
.border{ border-color:#E0F8B0 }
```

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

Here you see how a box with a 4 pixel #E0F8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0F8B0; -webkit-box-shadow:4px 4px  
4px 4px #E0F8B0; box-shadow:4px 4px 4px  
4px #E0F8B0 }
```

Background

The CSS property to change the background color of an element to Hex E0F8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0F8B0 }
```

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

```
.background{ background-color:#E0F8B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor