

# Converting Colors

Hex(E0FBC2)

Have a look what the booklet for  
Hex(E0FBC2) contains.

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# **Color**

**Hex(E0FBC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0FBC2
RGB	224, 251, 194
RGB Percent	88%, 98%, 76%
CMY	0.1216, 0.0157, 0.2392
CMYK	0.11, 0.00, 0.23, 0.02
HSL	88°, 88%, 87%
HSV	88°, 23%, 98%
XYZ	74.9753, 88.7367, 64.2152
YIQ	236.4290, 2.2050, -23.4510

# Conversions

## Conversions Part 2

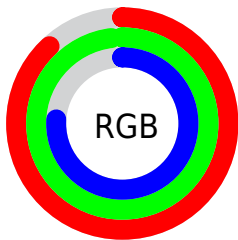
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 251, 221
Decimal	14744514
CIELab	95.47, -18.49, 24.47
CIELCh	95, 30.668, 127.075
Yxy	88.7367, 0.3289, 0.3893
Android (android.graphics.Color)	4292934594 (0xFFE0FBC2)
YUV	236.4290, -20.9175, -10.9002
Hunter-Lab	94.2002, -22.7796, 25.5228

# Details

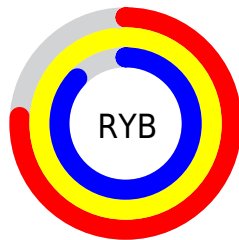
The Hex color **E0FBC2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DDC2FB**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFFB**, and **A8C28C** is the 20% darker color. If you saturate the color by 10%, you get **D4FBA9**, and if you desaturate by 10%, it is **ECFBDB**.

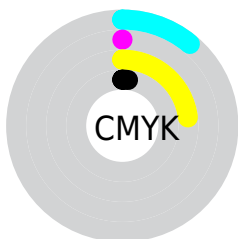
# Distribution



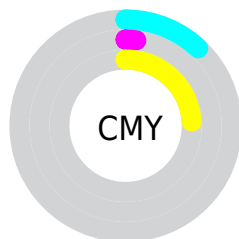
- Red (88%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)



- Cyan (12%)
- Magenta (2%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0FBC2 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 E0FBC2 by changing the saturation by 10% instead.



 E0FBC2

FFFFFF

 FFFFFB

 E0FBC2

 C4DEA7

 A8C28C

 8EA772

 748D5A

 5B7342

 425A2B

 2B4315

 162C00

 001A00

 E0FBC2

 E0FBC2

 D4FBA9

 ECFBDB

 C8FB90

 F8FBF4

 BCFB77

 FFFBFF

 B0FB5E

 A5FB45

 99FB2B

 8DFB12

 84FB00

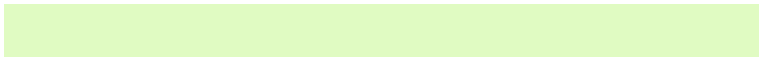
# Harmonies

## Analogous

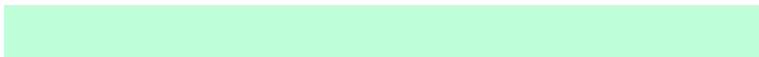
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF2B7



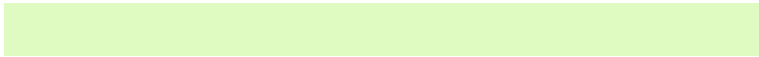
E0FBC2



BEFFDA

# Triad

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



E0FBC2



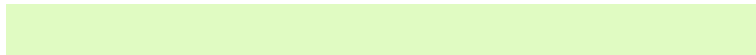
B2FBFF



FFDDEC

# Complementary

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



E0FBC2



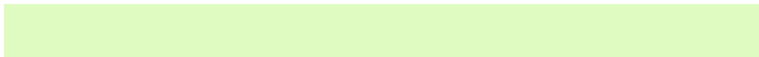
DDC2FB

# Split Complementary

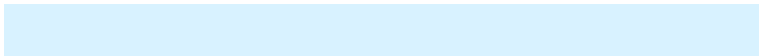
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE0FF



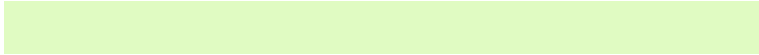
E0FBC2



D8F2FF

# Square

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



E0FBC2



9DFFFF



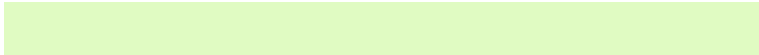
FFE8FF



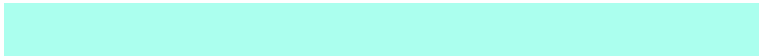
FFE0D0

# Rectangle

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



E0FBC2



ABFFEE



FFE8FF

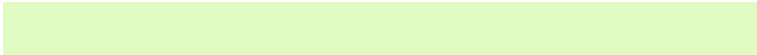


FFDDF6



# Sweetspot

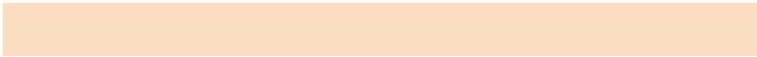
The Sweet Spot groups the original color and five complimentary colors.



E0FBC2



F7FFED



FBDDC2



7B8075



000000

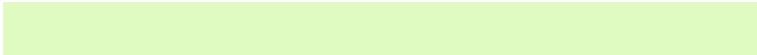


808080

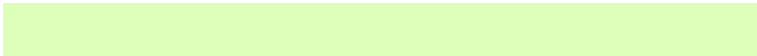


# Same Dimension

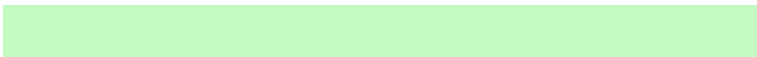
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E0FBC2



DEFFBA



C4FBC2



777D70



63BD00



203D00



# Inverse Universe

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



DDC2FB



DBBAFF



F9C2FB



76707D



5900BD

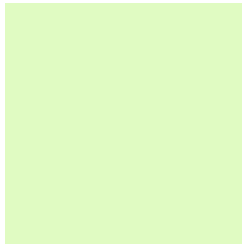


1D003D



# Previews

## White Background



This preview shows how the Hex color E0FBC2 looks on a white background.

## Color Contrast Check

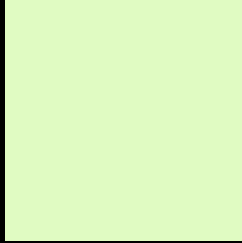
Large Text (above 18pt) WCAG AA × Fail

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 E0FBC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

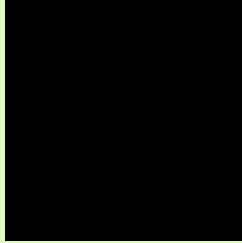
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

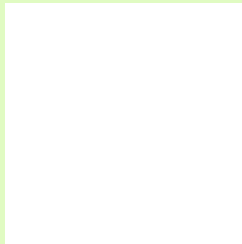
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0FBC2 Background



This preview shows how black text looks on a background with the Hex color E0FBC2.

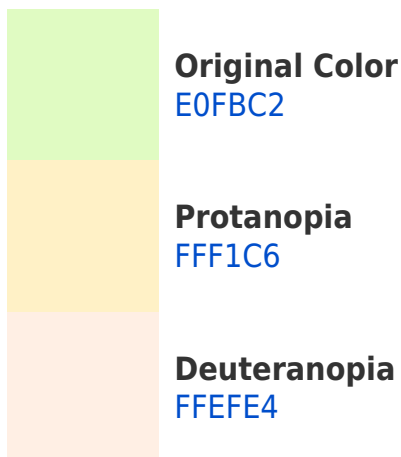


This preview shows how white text looks on a background with the Hex color E0FBC2.

# 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



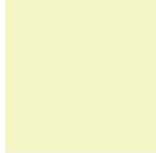


**Tritanopia**  
ECF2FF

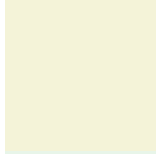
# Trichromacy



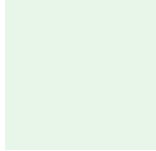
**Original Color**  
E0FBC2



**Protanomaly**  
F4F5C5

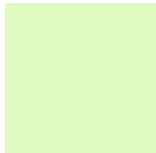


**Deuteranomaly**  
F4F3D8

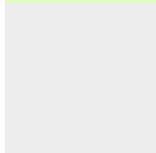


**Tritanomaly**  
E8F5E9

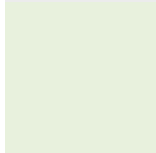
# Monochromacy



**Original Color**  
E0FBC2



**Achromatopsia**  
ECECEC



**Achromatomaly**  
E8F1DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0FBC2 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 #E0FBC2 looks like.

```
.text, #text, p{  
    color:#E0FBC2  
}
```

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 #E0FBC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FBC2
}
```

## Border

The CSS property to change the border of an element to Hex E0FBC2 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
#E0FBC2 }
```

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

```
.border{ border-color:#E0FBC2 }
```

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

Here you see how a box with a 4 pixel #E0FBC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FBC2; -webkit-box-shadow:4px 4px  
4px 4px #E0FBC2; box-shadow:4px 4px 4px  
4px #E0FBC2 }
```

# Background

The CSS property to change the background color of an element to Hex E0FBC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FBC2 }
```

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

```
.background{ background-color:#E0FBC2 }
```

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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