

Converting Colors

Hex(E0F2AC)

Have a look what the booklet for
Hex(E0F2AC) contains.

Hex(E0F2AC)	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(E0F2AC)

Conversions

Conversions Part 1

Format	Color
Hex	E0F2AC
RGB	224, 242, 172
RGB Percent	88%, 95%, 67%
CMY	0.1216, 0.0510, 0.3255
CMYK	0.07, 0.00, 0.29, 0.05
HSL	75°, 73%, 81%
HSV	75°, 29%, 95%
XYZ	69.9390, 82.3301, 51.2348
YIQ	228.6380, 11.7420, -25.5860

Conversions

Conversions Part 2

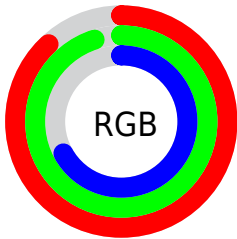
Format	Color
RYB	172, 242, 190
Decimal	14742188
CIELab	92.72, -17.22, 31.89
CIELCh	93, 36.241, 118.369
Yxy	82.3301, 0.3437, 0.4046
Android (android.graphics.Color)	4292932268 (0xFFE0F2AC)
YUV	228.6380, -27.9225, -4.0675
Hunter-Lab	90.7359, -21.2006, 30.0365

Details

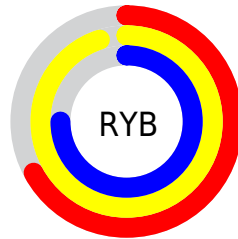
The Hex color **E0F2AC** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **BEACF2**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFE4**, and **A8BA77** is the 20% darker color. If you saturate the color by 10%, you get **DAF294**, and if you desaturate by 10%, it is **E6F2C4**.

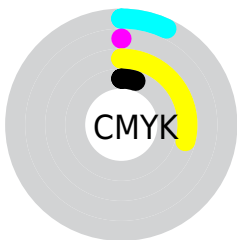
Distribution



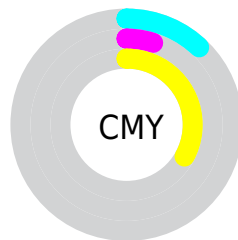
- Red (88%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0F2AC 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 E0F2AC by changing the saturation by 10% instead.

 E0F2AC

FFFFFF

 FFFFE4

 E0F2AC

 C4D691

 A8BA77

 8D9F5E

 738545

 5A6C2E

 415316

 2A3C00

 132600

 001100

 E0F2AC

 E0F2AC

 DAF294

 E6F2C4

 D4F27C

 ECF2DC

 CDF263

 F3F2F5

 C7F24B

 F9F2FF

 C1F233

 FFF2FF

 BBF21B

 B4F203

 B4F200

Harmonies

Analogous

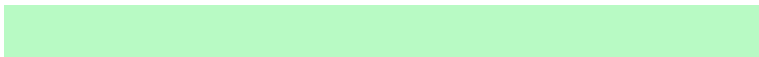
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE7A4



E0F2AC



B8FAC4

Triad

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



E0F2AC



8DF7FF



FFD1ED

Complementary

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



E0F2AC



BEACF2

Split Complementary

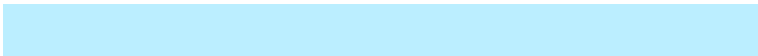
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD7FF



E0F2AC



BBEFFF

Square

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



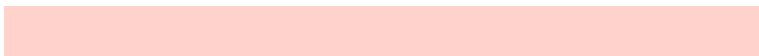
E0F2AC



7DFDFF



EDE2FF



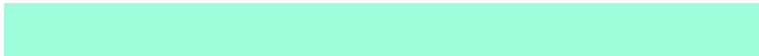
FFD3CB

Rectangle

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



E0F2AC



9EFDD8



EDE2FF



FFD2F9

Sweetspot

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



E0F2AC



F9FFE8



F2BEAC



7C8071



000000



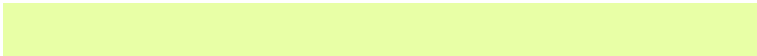
808080

Same Dimension

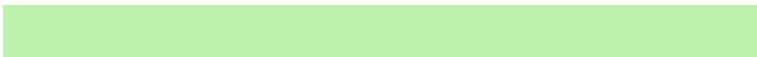
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E0F2AC



E8FFA6



BEF2AC



75786C



88B800



2A3800

Inverse Universe

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



BEACF2



BDA6FF



E0ACF2



6F6C78



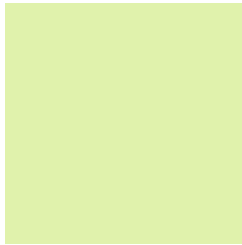
2F00B8



0E0038

Previews

White Background



This preview shows how the Hex color E0F2AC looks on a white background.

Color Contrast Check

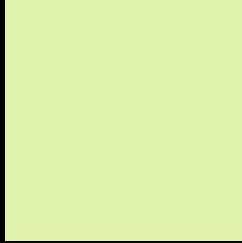
Large Text (above 18pt) WCAG AA × Fail

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 E0F2AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

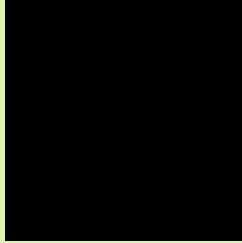
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

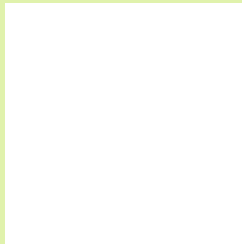
Any Text WCAG AAA ✓ Pass

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

Hex E0F2AC Background



This preview shows how black text looks on a background with the Hex color E0F2AC.

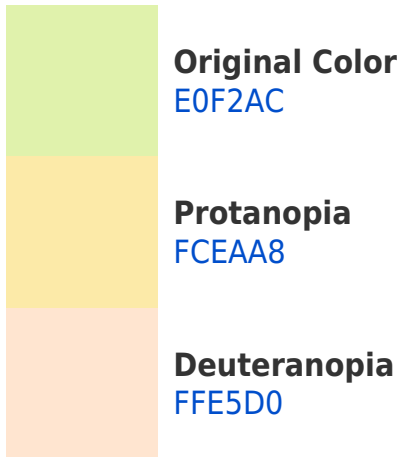


This preview shows how white text looks on a background with the Hex color E0F2AC.

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](#).

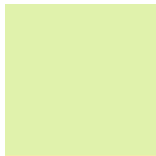
Dichromacy



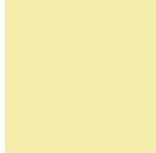


Tritanopia
EBE8FA

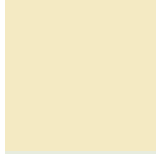
Trichromacy



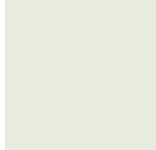
Original Color
E0F2AC



Protanomaly
F2EDA9

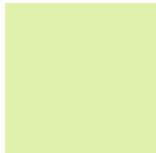


Deuteranomaly
F4EAC3

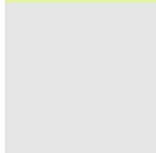


Tritanomaly
E7ECDE

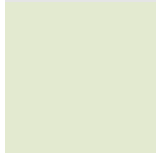
Monochromacy



Original Color
E0F2AC



Achromatopsia
E5E5E5



Achromatomaly
E3EAD0

CSS Examples

Text

The CSS property to change the color of the text to Hex E0F2AC 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 #E0F2AC looks like.

```
.text, #text, p{  
    color:#E0F2AC  
}
```

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 #E0F2AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0F2AC
}
```

Border

The CSS property to change the border of an element to Hex E0F2AC 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
#E0F2AC }
```

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

```
.border{ border-color:#E0F2AC }
```

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

Here you see how a box with a 4 pixel #E0F2AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0F2AC; -webkit-box-shadow:4px 4px  
4px 4px #E0F2AC; box-shadow:4px 4px 4px  
4px #E0F2AC }
```

Background

The CSS property to change the background color of an element to Hex E0F2AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0F2AC }
```

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

```
.background{ background-color:#E0F2AC }
```

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