

Converting Colors

Hex(E4F1AA)

Have a look what the booklet for
Hex(E4F1AA) contains.

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Color

Hex(E4F1AA)

Conversions

Conversions Part 1

Format	Color
Hex	E4F1AA
RGB	228, 241, 170
RGB Percent	89%, 95%, 67%
CMY	0.1059, 0.0549, 0.3333
CMYK	0.05, 0.00, 0.29, 0.05
HSL	71°, 72%, 81%
HSV	71°, 29%, 95%
XYZ	70.7059, 82.3069, 50.1904
YIQ	229.0190, 15.0430, -24.8370

Conversions

Conversions Part 2

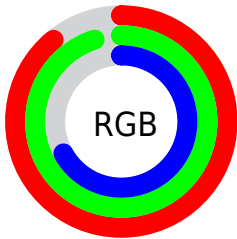
Format	Color
RYB	170, 241, 183
Decimal	15004074
CIELab	92.71, -15.53, 32.94
CIELCh	93, 36.414, 115.248
Yxy	82.3069, 0.3480, 0.4050
Android (android.graphics.Color)	4293194154 (0xFFE4F1AA)
YUV	229.0190, -29.0964, -0.8937
Hunter-Lab	90.7231, -19.6498, 30.7054

Details

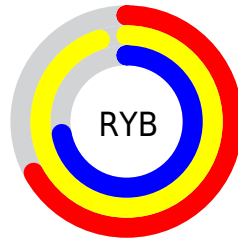
The Hex color **E4F1AA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B7AAF1**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFE2**, and **ACB975** is the 20% darker color. If you saturate the color by 10%, you get **E0F192**, and if you desaturate by 10%, it is **E8F1C2**.

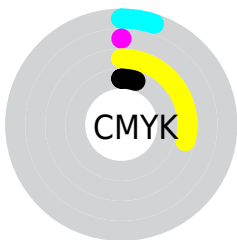
Distribution



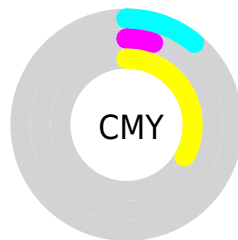
- Red (89%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (72%)



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



- Cyan (11%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4F1AA 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 E4F1AA by changing the saturation by 10% instead.

 E4F1AA


FFFFFF

 FFFFE2

 E4F1AA

 C8D58F

 ACB975

 919E5C

 768444

 5D6B2C

 445314

 2D3B00

 162600

 001100

 E4F1AA

 E4F1AA

 E0F192

 E8F1C2

 DBF17A

 EDF1DA

 D7F162

 F1F1F2

 D2F14A

 F6F1FF

 CEF132

 FAF1FF

 CAF119

 FEF1FF

 C5F101

 FFF1FF

 C5F100

Harmonies

Analogous

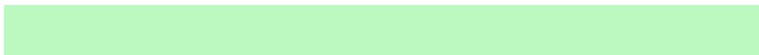
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE6A4



E4F1AA



BCF9C1

Triad

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



E4F1AA



89F8FF



FFD1F1

Complementary

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



E4F1AA



B7AAF1

Split Complementary

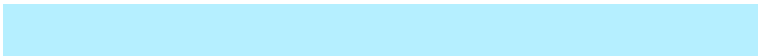
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD7FF



E4F1AA



B5EFFF

Square

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



E4F1AA



7DFDFF



E8E3FF



FFD2CE

Rectangle

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



E4F1AA



A1FCD7



E8E3FF



FFD2FD

Sweetspot

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



E4F1AA



FBFFE8



F1B6AA



7D8071



000000



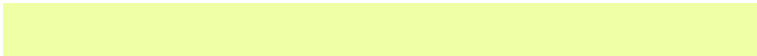
808080

Same Dimension

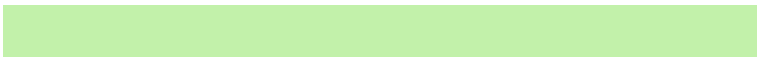
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E4F1AA



EFFFA6



C2F1AA



76786C



96B800



2E3800

Inverse Universe

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



B7AAF1



B6A6FF



D9AAF1



6E6C78



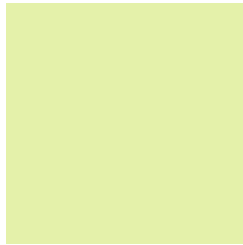
2200B8



0A0038

Previews

White Background



This preview shows how the Hex color E4F1AA looks on a white background.

Color Contrast Check

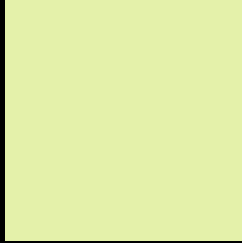
Large Text (above 18pt) WCAG AA × Fail

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 E4F1AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

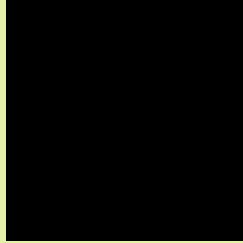
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

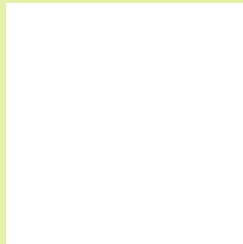
Any Text WCAG AAA ✓ Pass

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

Hex E4F1AA Background



This preview shows how black text looks on a background with the Hex color E4F1AA.

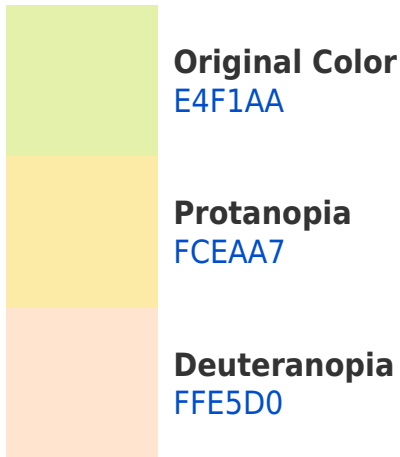


This preview shows how white text looks on a background with the Hex color E4F1AA.

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](#).

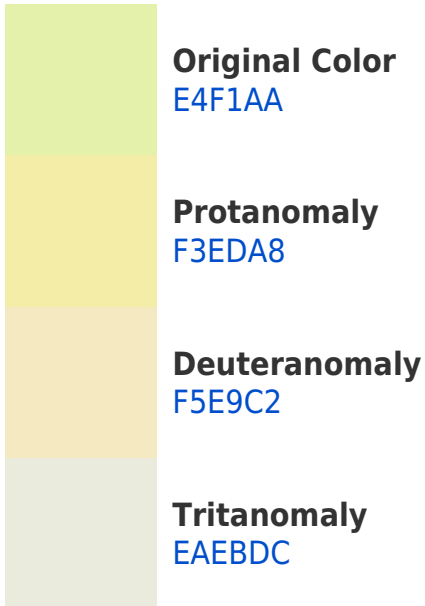
Dichromacy





Tritanopia
EEE7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4F1AA 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 #E4F1AA looks like.

```
.text, #text, p{  
    color:#E4F1AA  
}
```

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 #E4F1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F1AA
}
```

Border

The CSS property to change the border of an element to Hex E4F1AA 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
#E4F1AA }
```

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

```
.border{ border-color:#E4F1AA }
```

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

Here you see how a box with a 4 pixel #E4F1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F1AA; -webkit-box-shadow:4px 4px  
4px 4px #E4F1AA; box-shadow:4px 4px 4px  
4px #E4F1AA }
```

Background

The CSS property to change the background color of an element to Hex E4F1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F1AA }
```

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

```
.background{ background-color:#E4F1AA }
```

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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