

# Converting Colors

Hex(E4F4A0)

Have a look what the booklet for  
Hex(E4F4A0) contains.

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# **Color**

**Hex(E4F4A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F4A0
RGB	228, 244, 160
RGB Percent	89%, 96%, 63%
CMY	0.1059, 0.0431, 0.3725
CMYK	0.07, 0.00, 0.34, 0.04
HSL	71°, 79%, 79%
HSV	71°, 34%, 96%
XYZ	70.6908, 83.7334, 45.6941
YIQ	229.6400, 17.4280, -29.5160

# Conversions

## Conversions Part 2

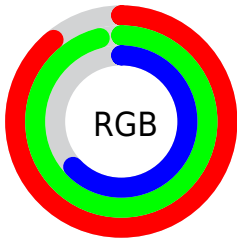
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 244, 176
Decimal	15004832
CIELab	93.33, -18.26, 38.77
CIELCh	93, 42.854, 115.214
Yxy	83.7334, 0.3532, 0.4184
Android (android.graphics.Color)	4293194912 (0xFFE4F4A0)
YUV	229.6400, -34.3325, -1.4383
Hunter-Lab	91.5060, -22.2395, 34.4473

# Details

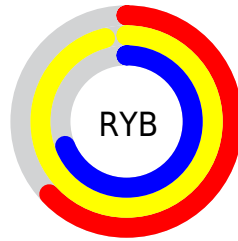
The Hex color **E4F4A0** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B0A0F4**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFD7**, and **ACBC6B** is the 20% darker color. If you saturate the color by 10%, you get **DFF488**, and if you desaturate by 10%, it is **E9F4B8**.

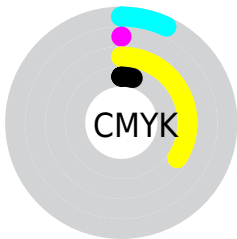
# Distribution



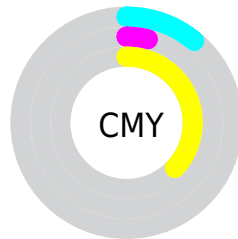
- Red (89%)
- Green (96%)
- Blue (63%)



- Red (63%)
- Yellow (96%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4F4A0 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 E4F4A0 by changing the saturation by 10% instead.



 E4F4A0

 E4F4A0

FFFFFF

 C7D885

 FFFFD7

 ACBC6B

 FFFFF4

 90A152

 768739

 5C6D21

 435506

 2C3E00

 132800

 001400

 E4F4A0

 E4F4A0

 DFF488

 E9F4B8

 DBF46F

 EDF4D1

 D6F457

 F2F4E9

 D1F43E

 F7F4FF

 CDF426

 FBF4FF

 C8F40E

 FFF4FF

 C6F400

# Harmonies

## Analogous

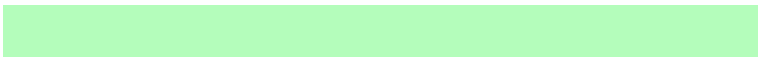
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE799



E4F4A0



B4FDDB

# Triad

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



E4F4A0



6CFCFF



FFCDF4

# Complementary

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



E4F4A0



B0A0F4

# 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.



FFD5FF



E4F4A0



A9F2FF

# Square

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



E4F4A0



5CFFFF



E8E4FF



FFCFCB

# Rectangle

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



E4F4A0



93FFD5



E8E4FF



FFCFFF



# Sweetspot

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



E4F4A0



FAFFE6



F4AFA0



7D8070



000000



808080



# Same Dimension

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



E4F4A0



EBFF96



BBF4A0



787A6E



97BA00



2F3B00



# Inverse Universe

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



B0A0F4



AA96FF



D9A0F4



706E7A



2300BA

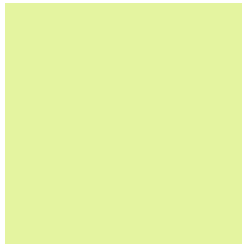


0B003B



# Previews

## White Background



This preview shows how the Hex color E4F4A0 looks on a white background.

## Color Contrast Check

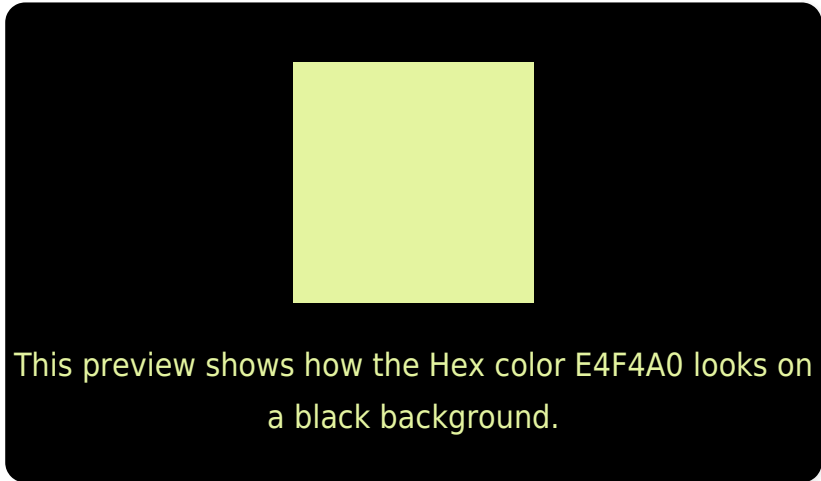
Large Text (above 18pt) WCAG AA × Fail

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

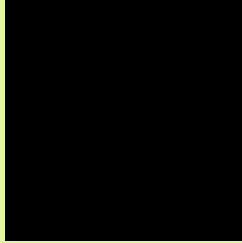
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

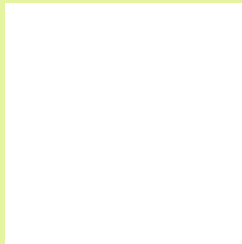
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4F4A0 Background



This preview shows how black text looks on a background with the Hex color E4F4A0.

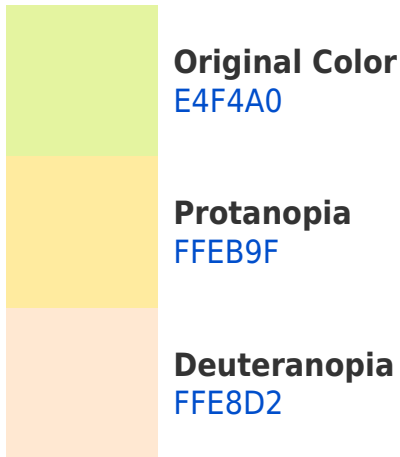


This preview shows how white text looks on a background with the Hex color E4F4A0.

# 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](#).

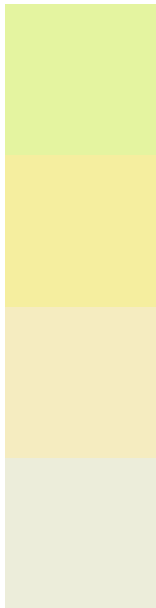
## Dichromacy





**Tritanopia**  
F0E9FB

# Trichromacy



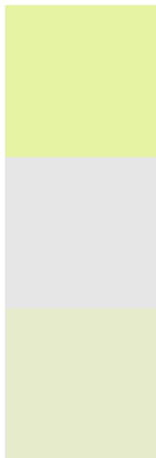
**Original Color**  
E4F4A0

**Protanomaly**  
F5EE9F

**Deuteranomaly**  
F5ECC0

**Tritanomaly**  
ECEEDA

# Monochromacy



**Original Color**  
E4F4A0

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E5EBCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4F4A0 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 #E4F4A0 looks like.

```
.text, #text, p{  
    color:#E4F4A0  
}
```

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 #E4F4A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F4A0
}
```

## Border

The CSS property to change the border of an element to Hex E4F4A0 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
#E4F4A0 }
```

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

```
.border{ border-color:#E4F4A0 }
```

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

Here you see how a box with a 4 pixel #E4F4A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F4A0; -webkit-box-shadow:4px 4px  
4px 4px #E4F4A0; box-shadow:4px 4px 4px  
4px #E4F4A0 }
```

# Background

The CSS property to change the background color of an element to Hex E4F4A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F4A0 }
```

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

```
.background{ background-color:#E4F4A0 }
```

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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