

# Converting Colors

Hex(E3E78F)

Have a look what the booklet for  
Hex(E3E78F) contains.

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# **Color**

**Hex(E3E78F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E78F
RGB	227, 231, 143
RGB Percent	89%, 91%, 56%
CMY	0.1098, 0.0941, 0.4392
CMYK	0.02, 0.00, 0.38, 0.09
HSL	63°, 65%, 73%
HSV	63°, 38%, 91%
XYZ	65.2124, 75.4659, 37.1159
YIQ	219.7720, 25.8640, -28.2160

# Conversions

## Conversions Part 2

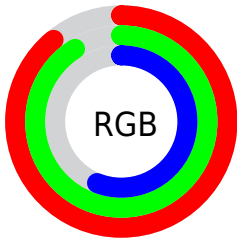
Format	Color
<a href="#">RYB</a>	<a href="#">143, 231, 147</a>
Decimal	<a href="#">14935951</a>
CIELab	<a href="#">89.61, -14.22, 42.38</a>
CIElCh	<a href="#">90, 44.700, 108.554</a>
Yxy	<a href="#">75.4659, 0.3668, 0.4245</a>
Android (android.graphics.Color)	<a href="#">4293126031 (0xFFE3E78F)</a>
YUV	<a href="#">219.7720, -37.8486, 6.3390</a>
Hunter-Lab	<a href="#">86.8711, -18.0281, 35.4780</a>

# Details

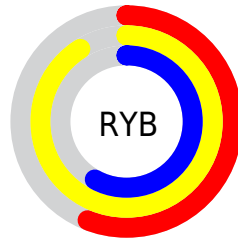
The Hex color **E3E78F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **938FE7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFC6**, and **AAB05B** is the 20% darker color. If you saturate the color by 10%, you get **E2E778**, and if you desaturate by 10%, it is **E4E7A6**.

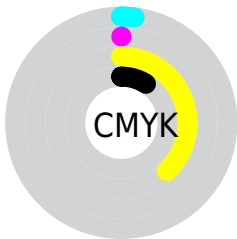
# Distribution



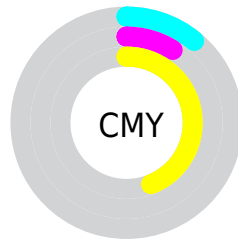
- Red (89%)
- Green (91%)
- Blue (56%)



- Red (56%)
- Yellow (91%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E78F 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 E3E78F by changing the saturation by 10% instead.



 E3E78F

 E3E78F

FFFFFF

 C6CB75

 FFFFC6

 AAB05B

 FFFFE2

 8F9542

 747B29

 5A620E

 414B00

 293400

 0F1F00

 000000

 E3E78F

 E3E78F

 E2E778

 E4E7A6

 E1E761

 E5E7BD

 E0E74A

 E6E7D4

 DFE733

 E7E7EB

 DEE71B

 E8E7FF

 DDE704

 E9E7FF

 DCE700

 EAE7FF

 EBE7FF

 ECE7FF

# Harmonies

## Analogous

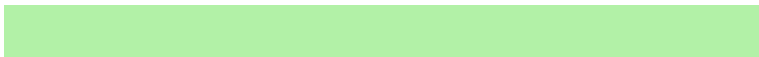
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD98E



E3E78F



B2F1A7

# Triad

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



E3E78F



45F4FF



FFC2F3

# Complementary

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



E3E78F



938FE7

# 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.



FFCDFF



E3E78F



89EAFF

# Square

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



E3E78F



45F8FB



CFDCFF



FFC1C8

# Rectangle

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



E3E78F



8FF6C1



CFDCFF



FFC5FF



# Sweetspot

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



E3E78F



FEFFE3



E7928F



7F806F



000000



808080



# Same Dimension

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



E3E78F



FAFF8A



B8E78F



727367



AAB300



313300



# Inverse Universe

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



938FE7



8F8AFF



BE8FE7



686773



0800B3

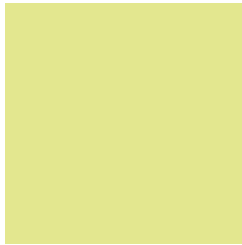


020033



# Previews

## White Background



This preview shows how the Hex color E3E78F looks on a white background.

## Color Contrast Check

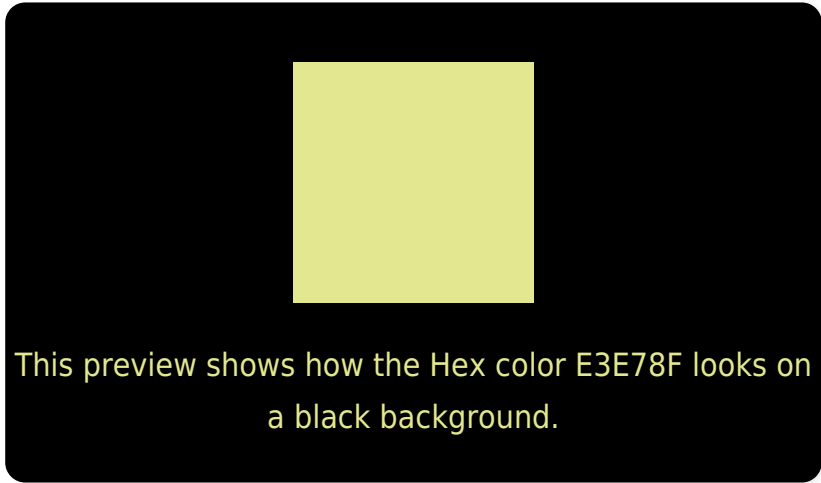
Large Text (above 18pt) WCAG AA × Fail

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

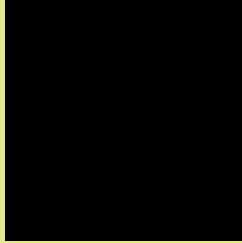
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3E78F Background



This preview shows how black text looks on a background with the Hex color E3E78F.

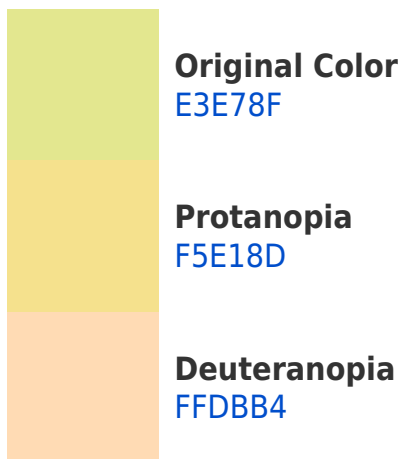


This preview shows how white text looks on a background with the Hex color E3E78F.

# Color Blindness Simulation

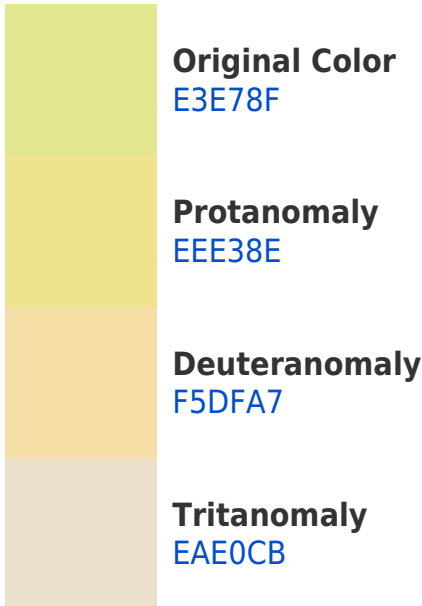
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

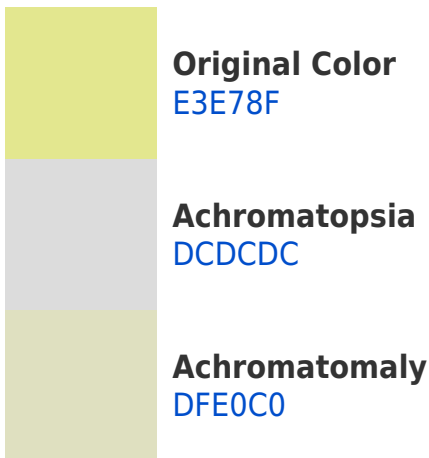




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E78F 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 #E3E78F looks like.

```
.text, #text, p{  
    color:#E3E78F  
}
```

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 #E3E78F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E78F
}
```

## Border

The CSS property to change the border of an element to Hex E3E78F 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
#E3E78F }
```

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

```
.border{ border-color:#E3E78F }
```

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

Here you see how a box with a 4 pixel #E3E78F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E78F; -webkit-box-shadow:4px 4px  
4px 4px #E3E78F; box-shadow:4px 4px 4px  
4px #E3E78F }
```

# Background

The CSS property to change the background color of an element to Hex E3E78F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E78F }
```

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

```
.background{ background-color:#E3E78F }
```

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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