

# Converting Colors

Hex(E3E398)

Have a look what the booklet for  
Hex(E3E398) contains.

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**Color**

**Hex(E3E398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E398
RGB	227, 227, 152
RGB Percent	89%, 89%, 60%
CMY	0.1098, 0.1098, 0.4039
CMYK	0.00, 0.00, 0.33, 0.11
HSL	60°, 57%, 74%
HSV	60°, 33%, 89%
XYZ	64.8151, 73.5361, 40.4835
YIQ	218.4500, 24.0750, -23.3250

# Conversions

## Conversions Part 2

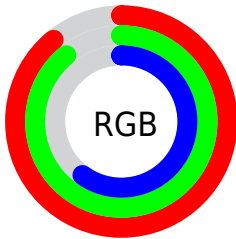
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 227, 152
Decimal	14934936
CIELab	88.70, -11.21, 36.71
CIElCh	89, 38.380, 106.978
Yxy	73.5361, 0.3624, 0.4112
Android (android.graphics.Color)	4293125016 (0xFFE3E398)
YUV	218.4500, -32.7598, 7.4984
Hunter-Lab	85.7532, -15.1517, 32.0368

# Details

The Hex color **E3E398** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9898E3**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFCF**, and **ABAC64** is the 20% darker color. If you saturate the color by 10%, you get **E3E381**, and if you desaturate by 10%, it is **E3E3AF**.

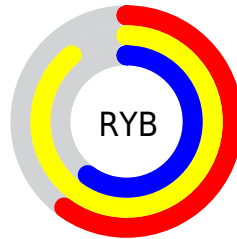
# Distribution



Red (89%)

Green (89%)

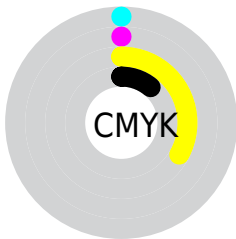
Blue (60%)



Red (60%)

Yellow (89%)

Blue (60%)

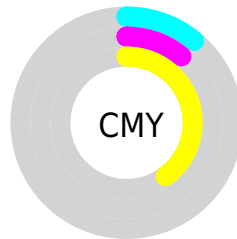


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E398 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 E3E398 by changing the saturation by 10% instead.



 E3E398

 E3E398

FFFFFF

 C6C77E

 FFFFCF

 ABAC64

 FFFFEB

 8F914B

 757833

 5B5F1B

 424701

 2B3100

 121C00

 000000

 E3E398

 E3E398

 E3E381

 E3E3AF

 E3E36B

 E3E3C5

 E3E354

 E3E3DC

 E3E33D

 E3E3F3

 E3E327

 E3E3FF

 E3E310

 E3E300

# Harmonies

## Analogous

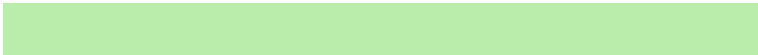
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD798



E3E398



BAECAC

# Triad

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



E3E398



6BEFFF



FFC5F0

# Complementary

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



E3E398



9898E3

# Split Complementary

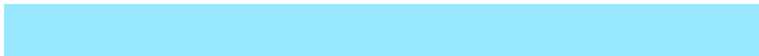
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDCEFF



E3E398



96E7FF

# Square

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



E3E398



6BF3F3



CDDBFF



FFC4CB

# Rectangle

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



E3E398



9DF0C1



CDD8FF



FFC7FC



# Sweetspot

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



E3E398



FFFFE6



E39898



808070



000000



808080



# Same Dimension

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



E3E398



FFFF99



BEE398



737367



B3B300



333300



# Inverse Universe

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



9898E3



9999FF



BE98E3



676773



0000B3



000033



# Previews

## White Background



This preview shows how the Hex color E3E398 looks on a white background.

## Color Contrast Check

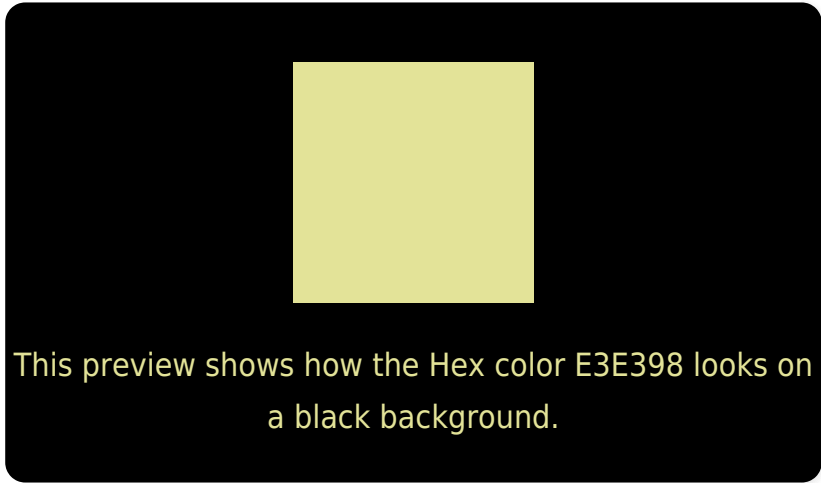
Large Text (above 18pt) WCAG AA × Fail

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

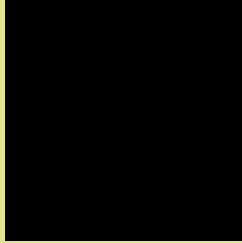
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3E398 Background



This preview shows how black text looks on a background with the Hex color E3E398.

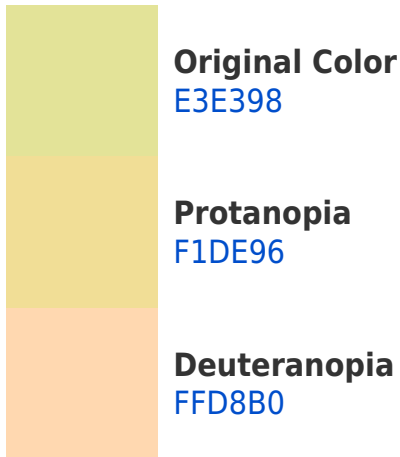


This preview shows how white text looks on a background with the Hex color E3E398.

# 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](#).

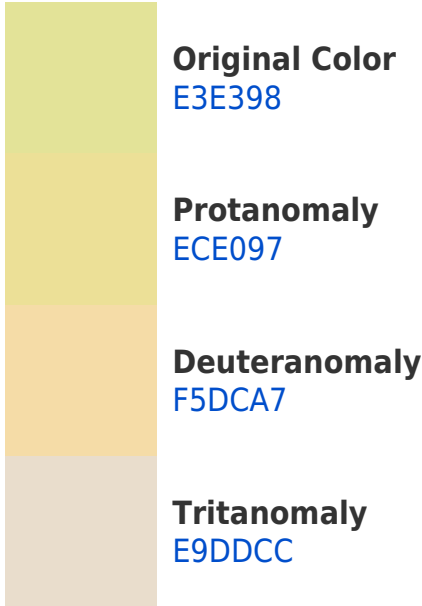
## Dichromacy





**Tritanopia**  
EDD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E398 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 #E3E398 looks like.

```
.text, #text, p{  
    color:#E3E398  
}
```

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 #E3E398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E398
}
```

## Border

The CSS property to change the border of an element to Hex E3E398 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
#E3E398 }
```

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

```
.border{ border-color:#E3E398 }
```

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

Here you see how a box with a 4 pixel #E3E398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E398; -webkit-box-shadow:4px 4px  
4px 4px #E3E398; box-shadow:4px 4px 4px  
4px #E3E398 }
```

# Background

The CSS property to change the background color of an element to Hex E3E398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E398 }
```

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

```
.background{ background-color:#E3E398 }
```

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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