

# Converting Colors

Hex(E1E380)

Have a look what the booklet for  
Hex(E1E380) contains.

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**Color**

**Hex(E1E380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E380
RGB	225, 227, 128
RGB Percent	88%, 89%, 50%
CMY	0.1176, 0.1098, 0.4980
CMYK	0.01, 0.00, 0.44, 0.11
HSL	61°, 64%, 70%
HSV	61°, 44%, 89%
XYZ	62.4167, 72.5042, 31.1271
YIQ	215.1160, 30.5870, -31.2130

# Conversions

## Conversions Part 2

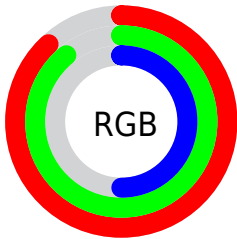
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 227, 130</a>
Decimal	<a href="#">14803840</a>
CIELab	<a href="#">88.21, -14.58, 47.92</a>
CIELCh	<a href="#">88, 50.092, 106.925</a>
Yxy	<a href="#">72.5042, 0.3759, 0.4366</a>
Android (android.graphics.Color)	<a href="#">4292993920 (0xFFE1E380)</a>
YUV	<a href="#">215.1160, -42.9482, 8.6683</a>
Hunter-Lab	<a href="#">85.1494, -18.1664, 37.9306</a>

# Details

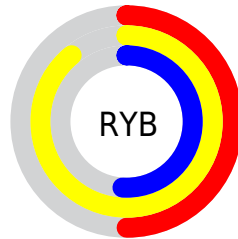
The Hex color **E1E380** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8280E3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB6**, and **A8AC4C** is the 20% darker color. If you saturate the color by 10%, you get **E1E369**, and if you desaturate by 10%, it is **E1E397**.

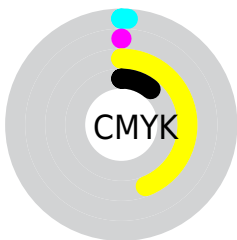
# Distribution



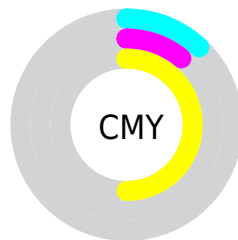
- Red (88%)
- Green (89%)
- Blue (50%)



- Red (50%)
- Yellow (89%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1E380 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 E1E380 by changing the saturation by 10% instead.



 E1E380

 E1E380

FFFFFF

 C4C766


 FFFFB6

 A8AC4C

 FFFFD3

 8C9132

 FFFFEE

 717817

 575F00

 3F4700

 253100

 081D00

 000000

 E1E380

 E1E380

 E1E369

 E1E397

 E0E353

 E2E3AD

 E0E33C

 E2E3C4

 DFE325

 E3E3DB

 DFE30F

 E3E3F1

 DEE300

 E4E3FF

 E5E3FF

# Harmonies

## Analogous

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



FFD380



E1E380



ABEF9A

# Triad

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



E1E380



00F2FF



FFBAF4

# Complementary

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



E1E380



8280E3

# 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.



FFC7FF



E1E380



6AE8FF

# Square

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



E1E380



00F6F7



C3D9FF



FFB8C4

# Rectangle

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



E1E380



81F4B6



C3D9FF



FFBDFF



# Sweetspot

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



E1E380



FEFFDE



E38280



7F806B



000000



808080



# Same Dimension

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



E1E380



FCFF7A



B0E380



737367



AFB300



323300



# Inverse Universe

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



8280E3



7D7AFF



B380E3



686773



0400B3

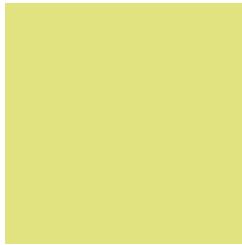


010033



# Previews

## White Background



This preview shows how the Hex color E1E380 looks on a white background.

## Color Contrast Check

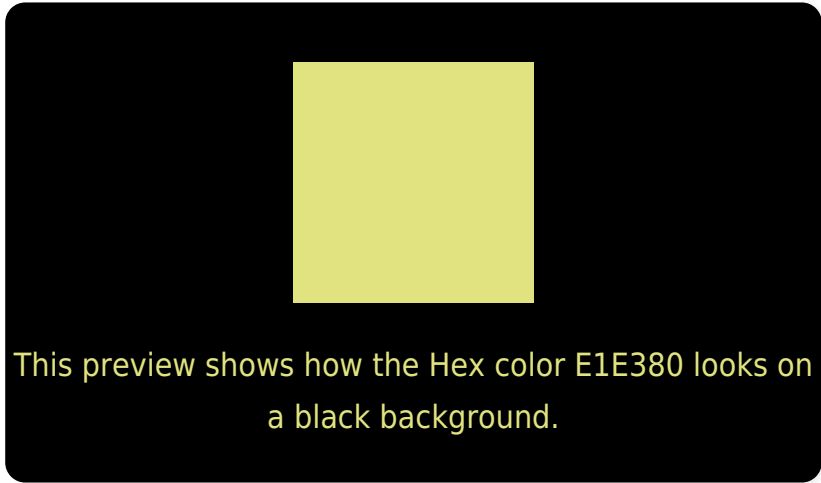
Large Text (above 18pt) WCAG AA × Fail

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

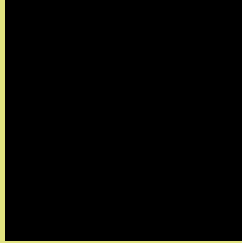
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1E380 Background



This preview shows how black text looks on a background with the Hex color E1E380.

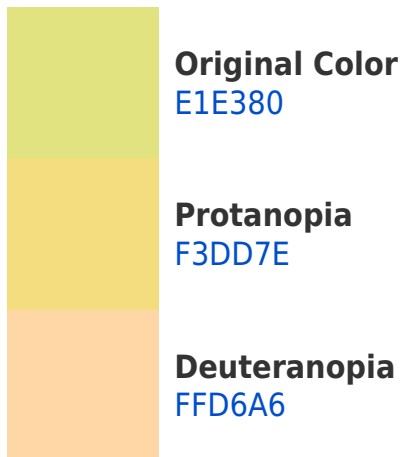


This preview shows how white text looks on a background with the Hex color E1E380.

# 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](#).

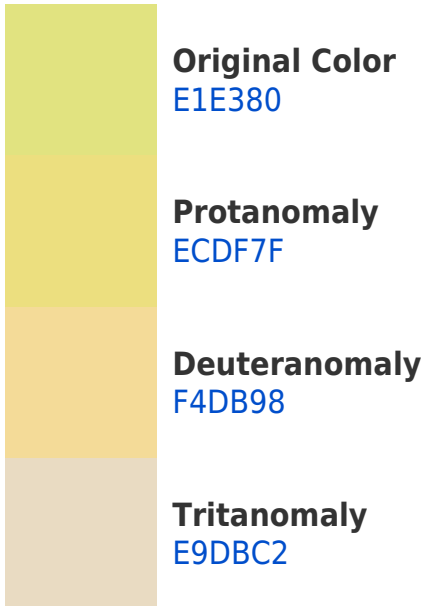
## Dichromacy



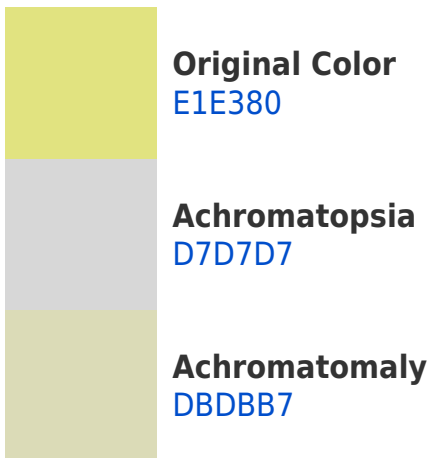


**Tritanopia**  
EDD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1E380 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 #E1E380 looks like.

```
.text, #text, p{  
    color:#E1E380  
}
```

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 #E1E380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E380
}
```

## Border

The CSS property to change the border of an element to Hex E1E380 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
#E1E380 }
```

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

```
.border{ border-color:#E1E380 }
```

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

Here you see how a box with a 4 pixel #E1E380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E380; -webkit-box-shadow:4px 4px  
4px 4px #E1E380; box-shadow:4px 4px 4px  
4px #E1E380 }
```

# Background

The CSS property to change the background color of an element to Hex E1E380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E380 }
```

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

```
.background{ background-color:#E1E380 }
```

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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