

# Converting Colors

Hex(E1E272)

Have a look what the booklet for  
Hex(E1E272) contains.

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**Color**

**Hex(E1E272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E272
RGB	225, 226, 114
RGB Percent	88%, 89%, 45%
CMY	0.1176, 0.1137, 0.5529
CMYK	0.00, 0.00, 0.50, 0.11
HSL	61°, 66%, 67%
HSV	61°, 50%, 89%
XYZ	61.2850, 71.6152, 26.5126
YIQ	212.9330, 35.3560, -35.0440

# Conversions

## Conversions Part 2

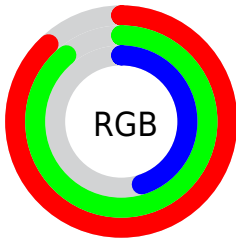
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 226, 115</a>
Decimal	<a href="#">14803570</a>
CIELab	<a href="#">87.78, -15.38, 54.05</a>
CIElCh	<a href="#">88, 56.193, 105.887</a>
Yxy	<a href="#">71.6152, 0.3844, 0.4492</a>
Android (android.graphics.Color)	<a href="#">4292993650 (0xFFE1E272)</a>
YUV	<a href="#">212.9330, -48.7740, 10.5828</a>
Hunter-Lab	<a href="#">84.6257, -18.8275, 40.6629</a>

# Details

The Hex color **E1E272** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7372E2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFA8**, and **A8AB3D** is the 20% darker color. If you saturate the color by 10%, you get **E1E25B**, and if you desaturate by 10%, it is **E1E289**.

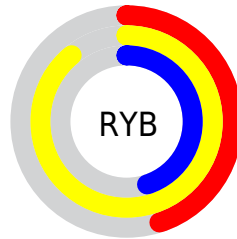
# Distribution



Red (88%)

Green (89%)

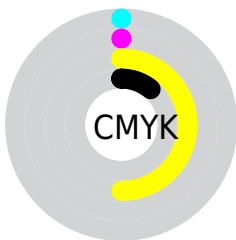
Blue (45%)



Red (45%)

Yellow (89%)

Blue (45%)

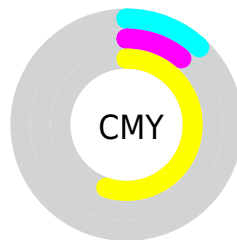


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1E272 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 E1E272 by changing the saturation by 10% instead.



 E1E272

 E1E272

FFFFFF

 C4C658

 FFFFA8

 A8AB3D

 FFFFC4

 8C9021

 FFFFE1

 707700

FFFFFFE

 565E00

 3C4700

 233000

 041C00

 000000

 E1E272

 E1E272

 E1E25B

 E1E289

 E1E245

 E1E29F

 E0E22E

 E2E2B6

 E0E218

 E2E2CC

 E0E201

 E2E2E3

 E0E200

 E2E2FA

 E2E2FF

 E3E2FF

# Harmonies

## Analogous

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



FFD073



E1E272



A5EF8F

# Triad

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



E1E272



00F4FF



FFB3F8

# Complementary

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



E1E272



7372E2

# 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.



FFC3FF



E1E272



3CE9FF

# Square

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



E1E272



00F8F8



B8D8FF



FFB1C2

# Rectangle

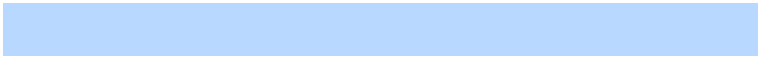
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1E272



73F4AF



B8D8FF



FFB8FF

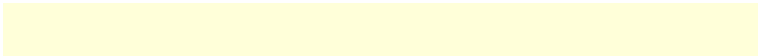


# Sweetspot

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



E1E272



FFFFD9



E27272



7F8069



000000



808080



# Same Dimension

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



E1E272



FEFF69



AAE272



707065



AEB000



303000



# Inverse Universe

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



7372E2



6A69FF



AA72E2



656570



0200B0

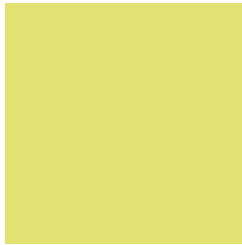


000030



# Previews

## White Background



This preview shows how the Hex color E1E272 looks on a white background.

## Color Contrast Check

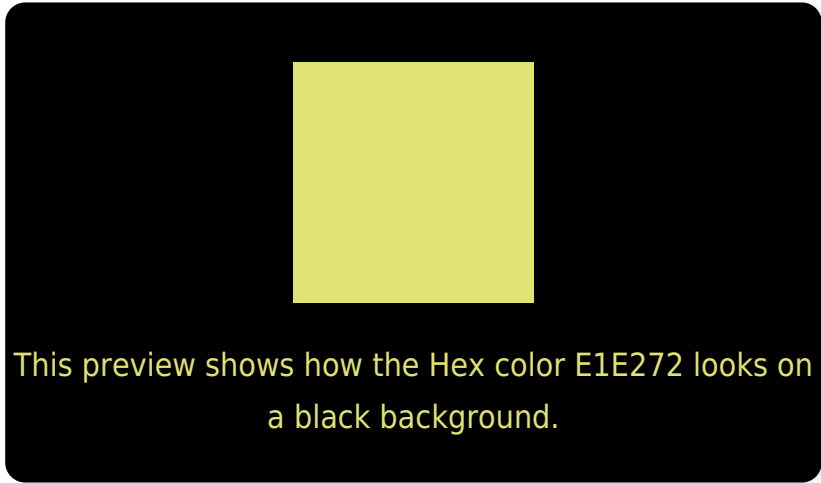
Large Text (above 18pt) WCAG AA × Fail

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

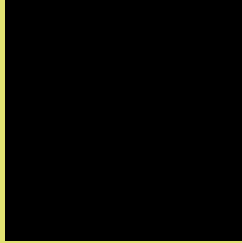
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1E272 Background



This preview shows how black text looks on a background with the Hex color E1E272.

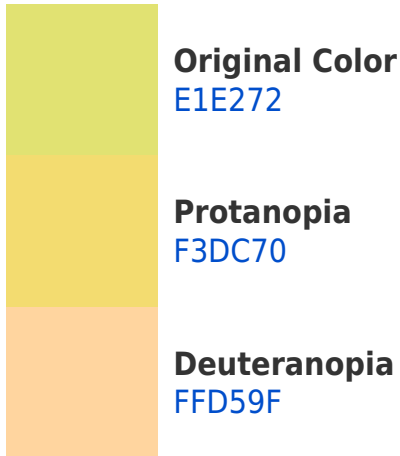


This preview shows how white text looks on a background with the Hex color E1E272.

# 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](#).

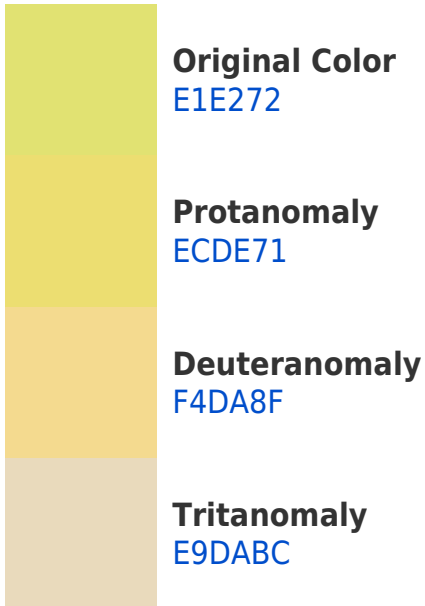
## Dichromacy



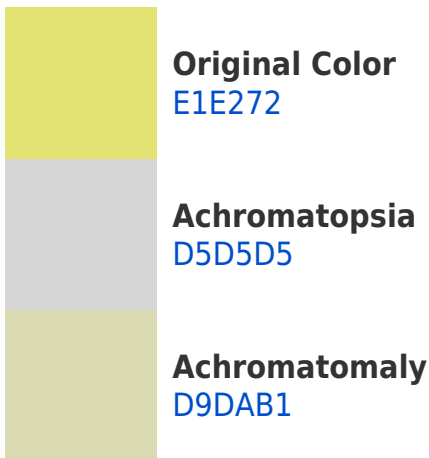


**Tritanopia**  
EDD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1E272 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 #E1E272 looks like.

```
.text, #text, p{  
    color:#E1E272  
}
```

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 #E1E272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E272
}
```

## Border

The CSS property to change the border of an element to Hex E1E272 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
#E1E272 }
```

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

```
.border{ border-color:#E1E272 }
```

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

Here you see how a box with a 4 pixel #E1E272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E272; -webkit-box-shadow:4px 4px  
4px 4px #E1E272; box-shadow:4px 4px 4px  
4px #E1E272 }
```

# Background

The CSS property to change the background color of an element to Hex E1E272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E272 }
```

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

```
.background{ background-color:#E1E272 }
```

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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