

# Converting Colors

Hex(E6E471)

Have a look what the booklet for  
Hex(E6E471) contains.

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**Color**

**Hex(E6E471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E471
RGB	230, 228, 113
RGB Percent	90%, 89%, 44%
CMY	0.0980, 0.1059, 0.5569
CMYK	0.00, 0.01, 0.51, 0.10
HSL	59°, 70%, 67%
HSV	59°, 51%, 90%
XYZ	63.3572, 73.5021, 26.4708
YIQ	215.4880, 38.1070, -35.3410

# Conversions

## Conversions Part 2

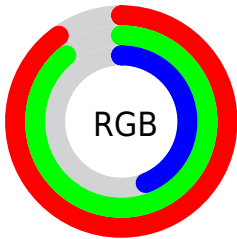
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 230, 113
Decimal	15131761
CIELab	88.69, -14.46, 55.67
CIELCh	89, 57.518, 104.563
Yxy	73.5021, 0.3879, 0.4500
Android (android.graphics.Color)	4293321841 (0xFFE6E471)
YUV	215.4880, -50.5266, 12.7270
Hunter-Lab	85.7333, -18.1214, 41.7071

# Details

The Hex color **E6E471** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7173E6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFA7**, and **ACAD3C** is the 20% darker color. If you saturate the color by 10%, you get **E6E45A**, and if you desaturate by 10%, it is **E6E488**.

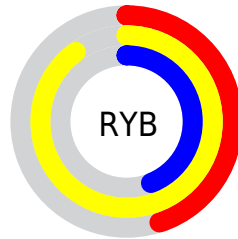
# Distribution



Red (90%)

Green (89%)

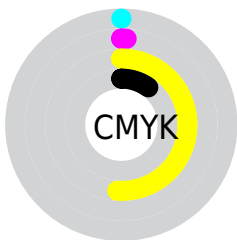
Blue (44%)



Red (45%)

Yellow (90%)

Blue (44%)

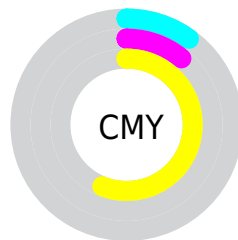


Cyan (0%)

Magenta (1%)

Yellow (51%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E471 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 E6E471 by changing the saturation by 10% instead.



 E6E471

 E6E471

FFFFFF

 C9C856

 FFFFA7

 ACAD3C

 FFFFC4

 90921F

 FFFFEO

 757900

FFFFFFD

 5A6000

 404800

 263200

 0B1E00

 000000

 E6E471

 E6E471

 E6E45A

 E6E488

 E6E343

 E6E59F

 E6E32C

 E6E5B6

 E6E215

 E6E6CD

 E6E200

 E6E6E4

 E6E6FB

 E6E7FF

 E6E8FF

# Harmonies

## Analogous

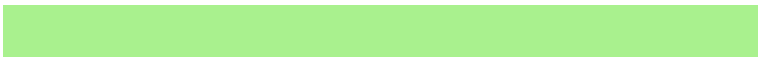
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD274



E6E471



A9F18E

# Triad

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



E6E471



00F7FF



FFB5FD

# Complementary

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



E6E471



7173E6

# 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.



FFC6FF



E6E471



27ECFF

# Square

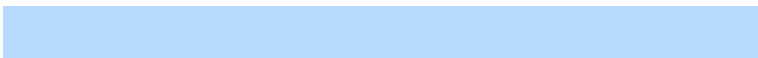
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6E471



00FBF8



B6DBFF



FFB2C6

# Rectangle

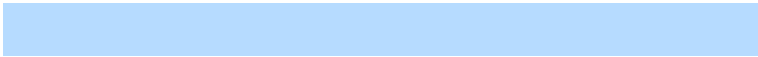
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6E471



76F7AE



B6DBFF



FFBAFF



# Sweetspot

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



E6E471



FFFED9



E67175



807F69



000000



808080



# Same Dimension

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



E6E471



FFFC63



AFE671



737367



B3AF00



333200



# Inverse Universe

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



7173E6



6366FF



A871E6



676773



0003B3

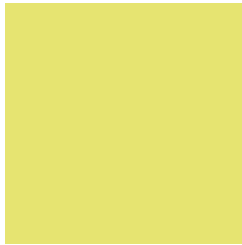


000133



# Previews

## White Background



This preview shows how the Hex color E6E471 looks on a white background.

## Color Contrast Check

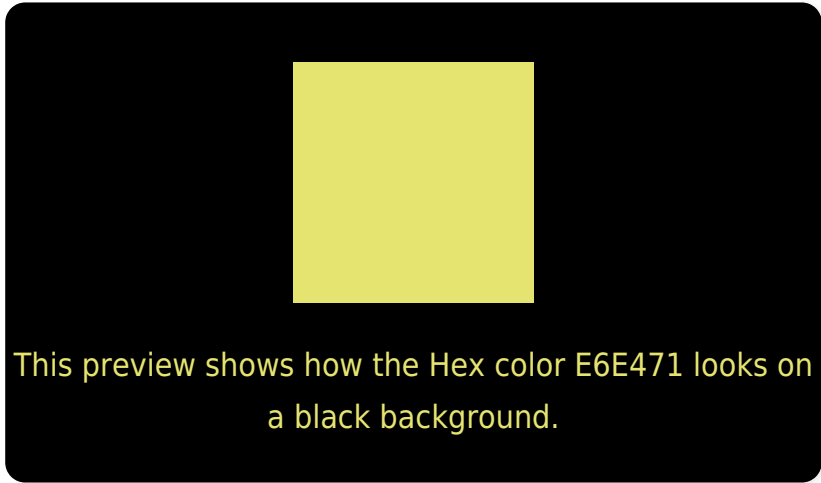
Large Text (above 18pt) WCAG AA × Fail

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 E6E471 Background



This preview shows how black text looks on a background with the Hex color E6E471.

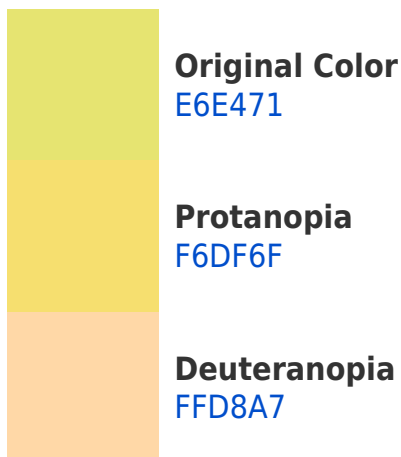


This preview shows how white text looks on a background with the Hex color E6E471.

# 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](#).

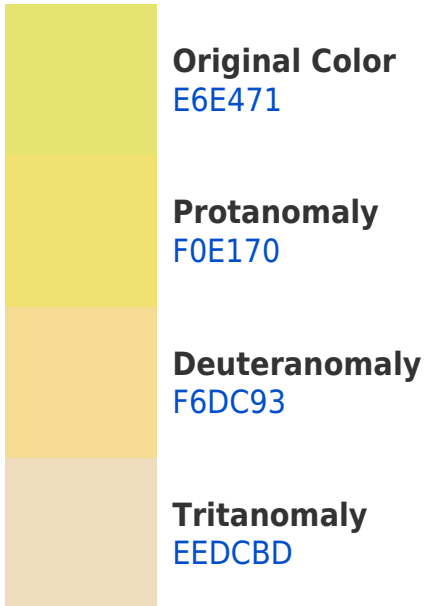
## Dichromacy



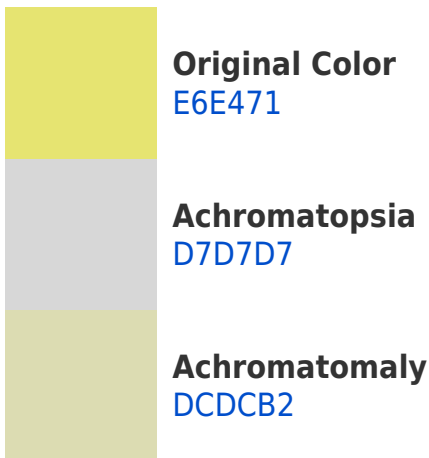


**Tritanopia**  
F2D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E471 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 #E6E471 looks like.

```
.text, #text, p{  
    color:#E6E471  
}
```

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 #E6E471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E471
}
```

## Border

The CSS property to change the border of an element to Hex E6E471 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
#E6E471 }
```

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

```
.border{ border-color:#E6E471 }
```

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

Here you see how a box with a 4 pixel #E6E471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E471; -webkit-box-shadow:4px 4px  
4px 4px #E6E471; box-shadow:4px 4px 4px  
4px #E6E471 }
```

# Background

The CSS property to change the background color of an element to Hex E6E471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E471 }
```

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

```
.background{ background-color:#E6E471 }
```

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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