

Converting Colors

Hex(E7D854)

Have a look what the booklet for
Hex(E7D854) contains.

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Color

Hex(E7D854)

Conversions

Conversions Part 1

Format	Color
Hex	E7D854
RGB	231, 216, 84
RGB Percent	91%, 85%, 33%
CMY	0.0941, 0.1529, 0.6706
CMYK	0.00, 0.06, 0.64, 0.09
HSL	54°, 75%, 62%
HSV	54°, 64%, 91%
XYZ	59.1111, 66.7408, 18.1543
YIQ	205.4370, 51.3120, -37.8720

Conversions

Conversions Part 2

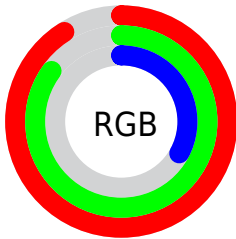
Format	Color
RYB	101, 231, 84
Decimal	15194196
CIELab	85.37, -10.16, 64.70
CIELCh	85, 65.495, 98.926
Yxy	66.7408, 0.4105, 0.4635
Android (android.graphics.Color)	4293384276 (0xFFE7D854)
YUV	205.4370, -59.8684, 22.4188
Hunter-Lab	81.6950, -13.8111, 44.0111

Details

The Hex color **E7D854** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5463E7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF8B**, and **ACA217** is the 20% darker color. If you saturate the color by 10%, you get **E7D63D**, and if you desaturate by 10%, it is **E7DA6B**.

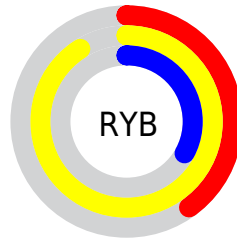
Distribution



Red (91%)

Green (85%)

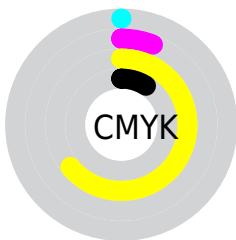
Blue (33%)



Red (40%)

Yellow (91%)

Blue (33%)

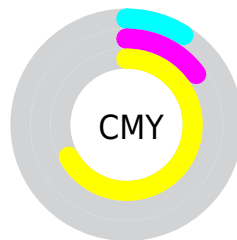


Cyan (0%)

Magenta (6%)

Yellow (64%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7D854 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 E7D854 by changing the saturation by 10% instead.

 E7D854

 E7D854

FFFFFF

 C9BC38

 FFFF8B

 ACA217

 FFFFA7

 908700

 FFFFC3

 746E00

 FFFFEO

 595600

FFFFFFE

 3E3F00

 242A00

 041600

 000000

 E7D854

 E7D854

 E7D63D

 E7DA6B

 E7D326

 E7DD82

 E7D10F

 E7DF99

 E7CF00

 E7E1B0

 E7E4C8

 E7E6DF

 E7E9F6

 E7EBFF

 E7EDFF

Harmonies

Analogous

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



FFC260



E7D854



A4E870

Triad

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



E7D854



00F2FF



FFA7FF

Complementary

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



E7D854



5463E7

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.



F2BDFE



E7D854



00E8FF

Square

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



E7D854



00F4E7



88D6FF



FF9FC5

Rectangle

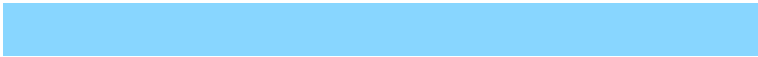
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7D854



6AEF93



88D6FF



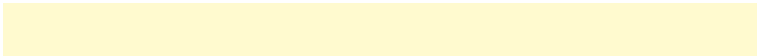
FFADFF

Sweetspot

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



E7D854



FFFACD



E75465



807D62



000000



808080

Same Dimension

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



E7D854



FFEB3D



AFE754



737267



B3A000



332E00

Inverse Universe

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



5463E7



3D51FF



8C54E7



676873



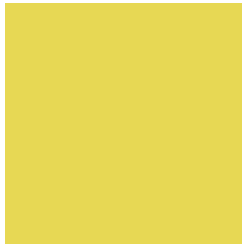
0012B3



000533

Previews

White Background



This preview shows how the Hex color E7D854 looks on a white background.

Color Contrast Check

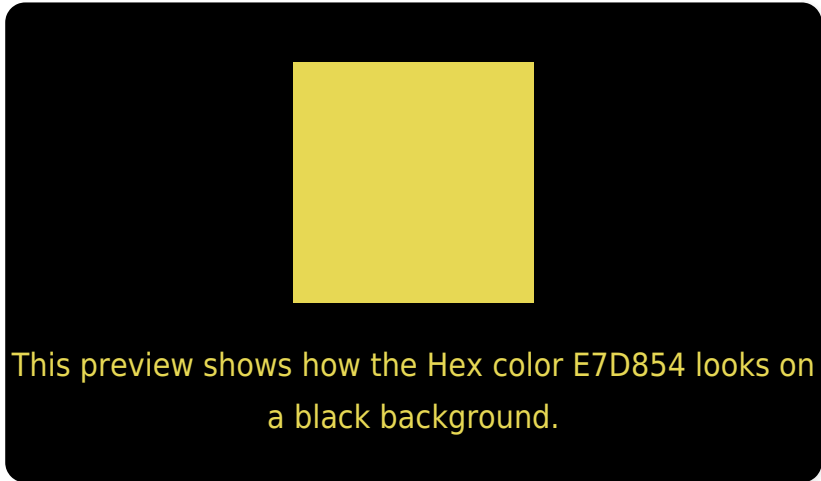
Large Text (above 18pt) WCAG AA × Fail

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 E7D854 Background



This preview shows how black text looks on a background with the Hex color E7D854.

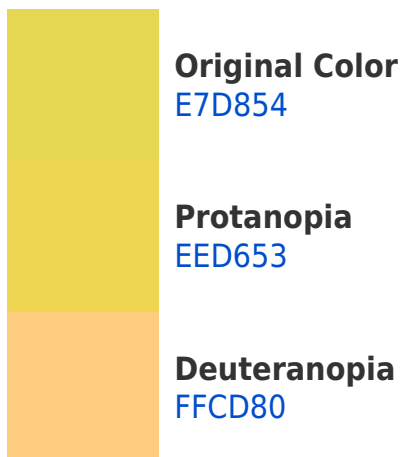


This preview shows how white text looks on a background with the Hex color E7D854.

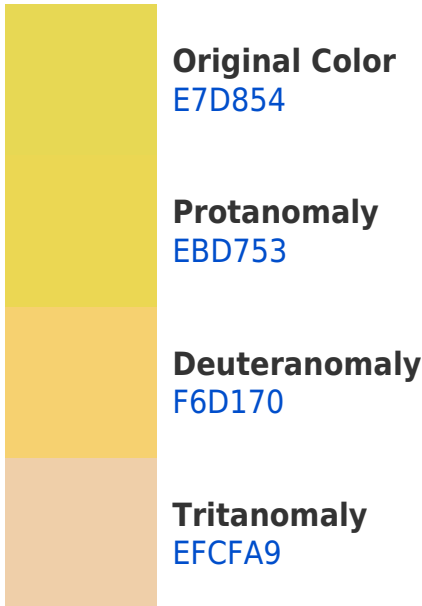
Color Blindness Simulation

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](#).

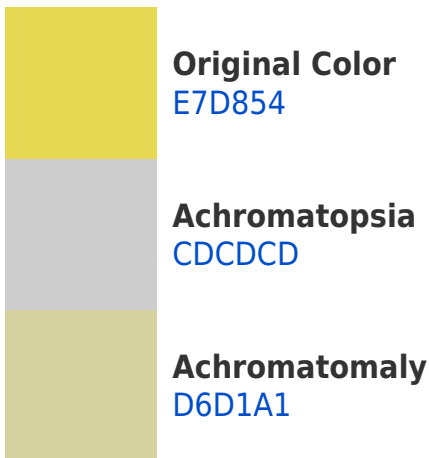
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7D854 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 #E7D854 looks like.

```
.text, #text, p{  
    color:#E7D854  
}
```

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 #E7D854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D854
}
```

Border

The CSS property to change the border of an element to Hex E7D854 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
#E7D854 }
```

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

```
.border{ border-color:#E7D854 }
```

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

Here you see how a box with a 4 pixel #E7D854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D854; -webkit-box-shadow:4px 4px  
4px 4px #E7D854; box-shadow:4px 4px 4px  
4px #E7D854 }
```

Background

The CSS property to change the background color of an element to Hex E7D854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D854 }
```

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

```
.background{ background-color:#E7D854 }
```

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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