

Converting Colors

Hex(E7D85A)

Have a look what the booklet for
Hex(E7D85A) contains.

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Color

Hex(E7D85A)

Conversions

Conversions Part 1

Format	Color
Hex	E7D85A
RGB	231, 216, 90
RGB Percent	91%, 85%, 35%
CMY	0.0941, 0.1529, 0.6471
CMYK	0.00, 0.06, 0.61, 0.09
HSL	54°, 75%, 63%
HSV	54°, 61%, 91%
XYZ	59.3563, 66.8388, 19.4456
YIQ	206.1210, 49.3860, -36.0060

Conversions

Conversions Part 2

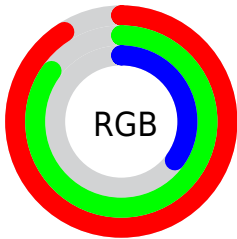
Format	Color
RYB	107, 231, 90
Decimal	15194202
CIELab	85.42, -9.79, 62.24
CIELCh	85, 63.002, 98.937
Yxy	66.8388, 0.4076, 0.4589
Android (android.graphics.Color)	4293384282 (0xFFE7D85A)
YUV	206.1210, -57.2477, 21.8189
Hunter-Lab	81.7550, -13.4755, 43.1262

Details

The Hex color **E7D85A** 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 **5A69E7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF91**, and **ACA121** is the 20% darker color. If you saturate the color by 10%, you get **E7D643**, and if you desaturate by 10%, it is **E7DA71**.

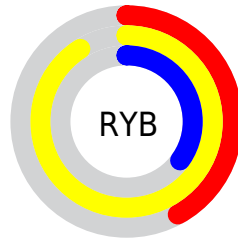
Distribution



Red (91%)

Green (85%)

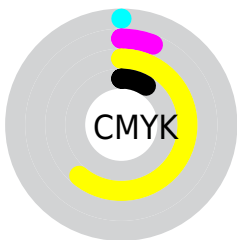
Blue (35%)



Red (42%)

Yellow (91%)

Blue (35%)

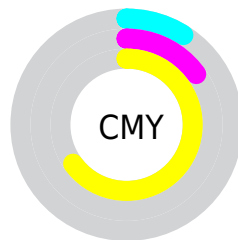


Cyan (0%)

Magenta (6%)

Yellow (61%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7D85A 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 E7D85A by changing the saturation by 10% instead.

 E7D85A

 E7D85A

FFFFFF

 C9BC3F

 FFFF91

 ACA121

 FFFFAC

 908700

 FFFFC9

 746E00

 FFFFEE

 595600

 3E3F00

 252A00

 051600

 000000

 E7D85A

 E7D85A

 E7D643

 E7DA71

 E7D32C

 E7DD88

 E7D115

 E7DF9F

 E7CE00

 E7E2B6

 E7E4CE

 E7E7E5

 E7E9FC

 E7ECFF

 E7EEFF

Harmonies

Analogous

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



FFC365



E7D85A



A7E775

Triad

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



E7D85A



00F1FF



FFA9FF

Complementary

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



E7D85A



5A69E7

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.



F1BFFF



E7D85A



00E7FF

Square

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



E7D85A



00F4E6



8DD6FF



FFA2C6

Rectangle

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



E7D85A



70EE95



8DD6FF



FFAFFF

Sweetspot

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



E7D85A



FFFAD1



E75A6A



807D63



000000



808080

Same Dimension

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



E7D85A



FFEB45



B1E75A



737267



B3A000



332E00

Inverse Universe

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



5A69E7



4559FF



905AE7



676873



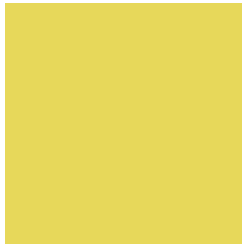
0013B3



000533

Previews

White Background



This preview shows how the Hex color E7D85A looks on a white background.

Color Contrast Check

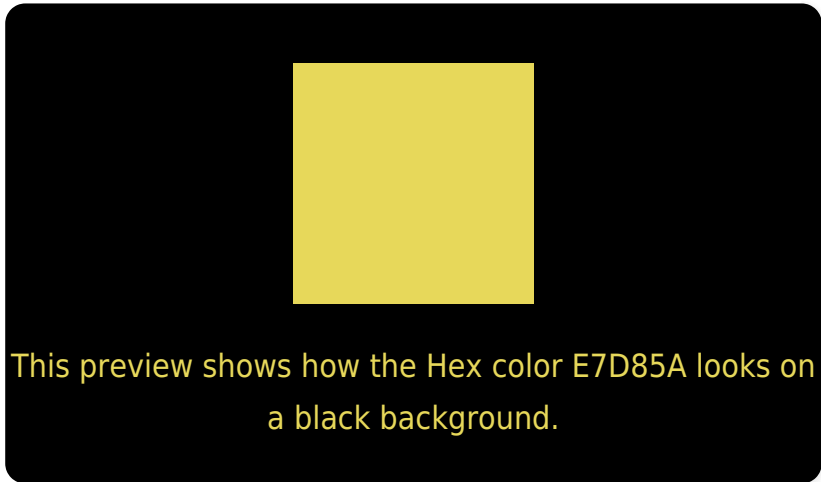
Large Text (above 18pt) WCAG AA × Fail

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 E7D85A Background



This preview shows how black text looks on a background with the Hex color E7D85A.

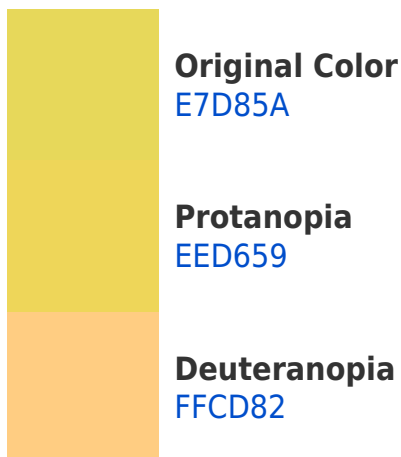


This preview shows how white text looks on a background with the Hex color E7D85A.

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](#).

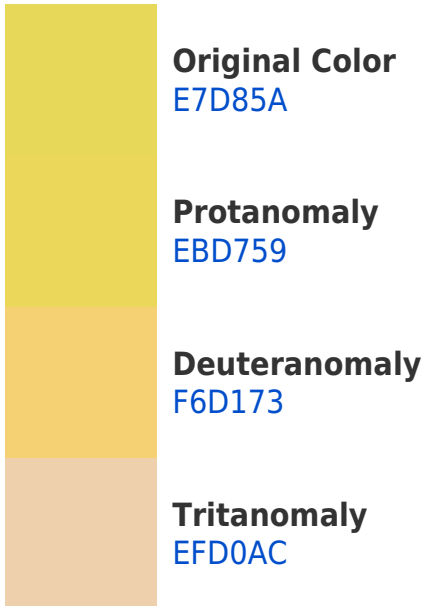
Dichromacy



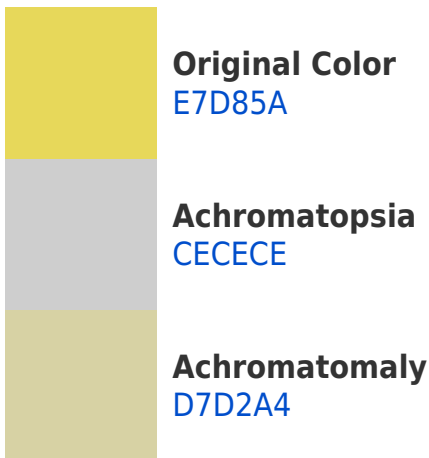


Tritanopia
F3CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7D85A 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 #E7D85A looks like.

```
.text, #text, p{  
    color:#E7D85A  
}
```

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 #E7D85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D85A
}
```

Border

The CSS property to change the border of an element to Hex E7D85A 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
#E7D85A }
```

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

```
.border{ border-color:#E7D85A }
```

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

Here you see how a box with a 4 pixel #E7D85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D85A; -webkit-box-shadow:4px 4px  
4px 4px #E7D85A; box-shadow:4px 4px 4px  
4px #E7D85A }
```

Background

The CSS property to change the background color of an element to Hex E7D85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D85A }
```

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

```
.background{ background-color:#E7D85A }
```

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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