

Converting Colors

Hex(E7D435)

Have a look what the booklet for
Hex(E7D435) contains.

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Color

Hex(E7D435)

Conversions

Conversions Part 1

Format	Color
Hex	E7D435
RGB	231, 212, 53
RGB Percent	91%, 83%, 21%
CMY	0.0941, 0.1686, 0.7922
CMYK	0.00, 0.08, 0.77, 0.09
HSL	54°, 79%, 56%
HSV	54°, 77%, 91%
XYZ	57.1411, 64.3329, 12.7740
YIQ	199.5550, 62.3630, -45.4210

Conversions

Conversions Part 2

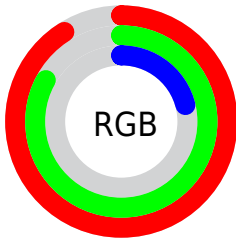
Format	Color
RYB	74, 231, 53
Decimal	15193141
CIELab	84.14, -9.64, 74.74
CIELCh	84, 75.364, 97.348
Yxy	64.3329, 0.4256, 0.4792
Android (android.graphics.Color)	4293383221 (0xFFE7D435)
YUV	199.5550, -72.2516, 27.5773
Hunter-Lab	80.2078, -13.1980, 46.7029

Details

The Hex color **E7D435** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3548E7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF70**, and **AB9E00** is the 20% darker color. If you saturate the color by 10%, you get **E7D21E**, and if you desaturate by 10%, it is **E7D64C**.

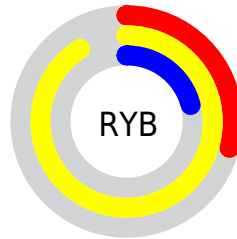
Distribution



Red (91%)

Green (83%)

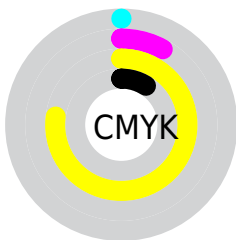
Blue (21%)



Red (29%)

Yellow (91%)

Blue (21%)

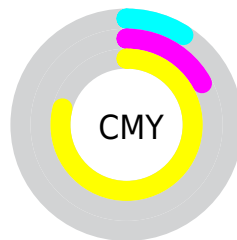


Cyan (0%)

Magenta (8%)

Yellow (77%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7D435 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 E7D435 by changing the saturation by 10% instead.

 E7D435

 E7D435

FFFFFF

 C9B909

 FFFF70

 AB9E00

 FFFF8D

 8E8400

 FFFFA9

 726B00

 FFFFC6

 565300

 FFFFEE

 3B3C00

 222700

 001300

 000000

 E7D435

 E7D435

 E7D21E

 E7D64C

 E7CF07

 E7D963

 E7CE00

 E7DB7A

 E7DE91

 E7E0A9

 E7E3C0

 E7E5D7

 E7E8EE

 E7EAFF

Harmonies

Analogous

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



FFBA4A



E7D435



9BE659

Triad

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



E7D435



00F2FF



FF9BFF

Complementary

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



E7D435



3548E7

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.



ECB8FF



E7D435



00E8FF

Square

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



E7D435



00F4E2



59D4FF



FF8FC3

Rectangle

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



E7D435



52EE81



59D4FF



FFA3FF

Sweetspot

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



E7D435



FFF9C4



E7354A



807C5C



000000



808080

Same Dimension

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



E7D435



FFE614



A3E735



737267



B39F00



332E00

Inverse Universe

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



3548E7



142DFF



7935E7



676873



0013B3



000533

Previews

White Background



This preview shows how the Hex color E7D435 looks on a white background.

Color Contrast Check

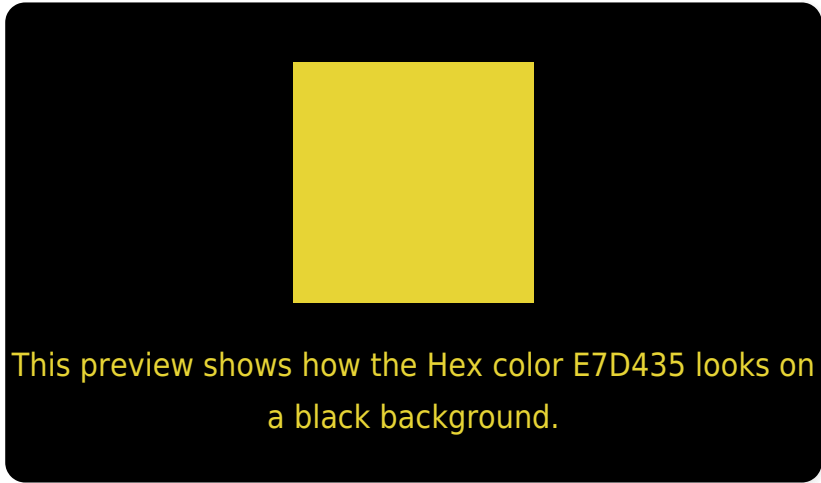
Large Text (above 18pt) WCAG AA × Fail

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 E7D435 Background



This preview shows how black text looks on a background with the Hex color E7D435.



This preview shows how white text looks on a background with the Hex color E7D435.

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



Original Color
E7D435

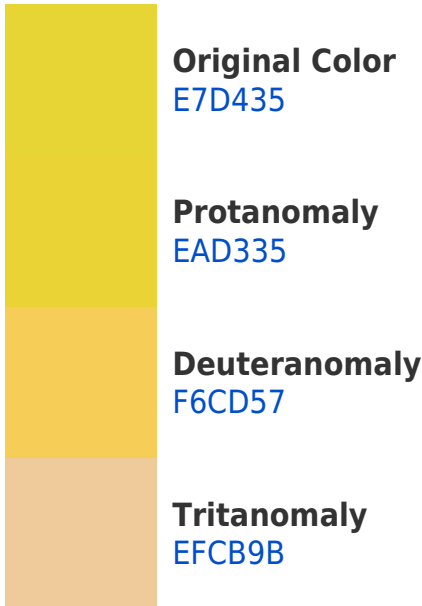
Protanopia
ECD235

Deuteranopia
FFC96B

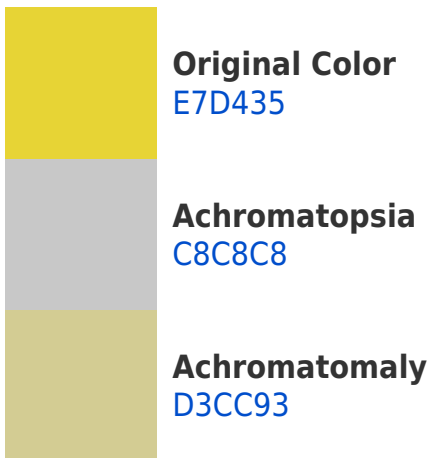


Tritanopia
F3C6D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7D435 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 #E7D435 looks like.

```
.text, #text, p{  
    color:#E7D435  
}
```

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 #E7D435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D435
}
```

Border

The CSS property to change the border of an element to Hex E7D435 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
#E7D435 }
```

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

```
.border{ border-color:#E7D435 }
```

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

Here you see how a box with a 4 pixel #E7D435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D435; -webkit-box-shadow:4px 4px  
4px 4px #E7D435; box-shadow:4px 4px 4px  
4px #E7D435 }
```

Background

The CSS property to change the background color of an element to Hex E7D435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D435 }
```

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

```
.background{ background-color:#E7D435 }
```

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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