

Converting Colors

Hex(E3D74B)

Have a look what the booklet for
Hex(E3D74B) contains.

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Color

Hex(E3D74B)

Conversions

Conversions Part 1

Format	Color
Hex	E3D74B
RGB	227, 215, 75
RGB Percent	89%, 84%, 29%
CMY	0.1098, 0.1569, 0.7059
CMYK	0.00, 0.05, 0.67, 0.11
HSL	55°, 73%, 59%
HSV	55°, 67%, 89%
XYZ	57.2490, 65.4398, 16.2704
YIQ	202.6280, 52.0920, -40.9960

Conversions

Conversions Part 2

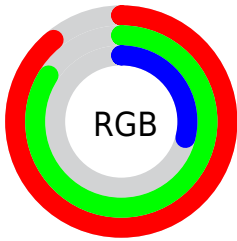
Format	Color
R _Y B	88, 227, 75
Decimal	14931787
CIE Lab	84.71, -11.83, 67.51
CIE LCh	85, 68.536, 99.943
Yxy	65.4398, 0.4120, 0.4709
Android (android.graphics.Color)	4293121867 (0xFFE3D74B)
YUV	202.6280, -62.9206, 21.3742
Hunter-Lab	80.8949, -15.2422, 44.7014

Details

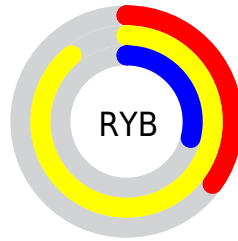
The Hex color **E3D74B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4B57E3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF83**, and **A8A101** is the 20% darker color. If you saturate the color by 10%, you get **E3D534**, and if you desaturate by 10%, it is **E3D962**.

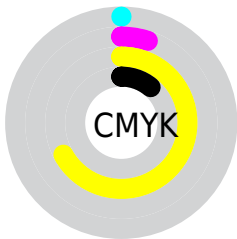
Distribution



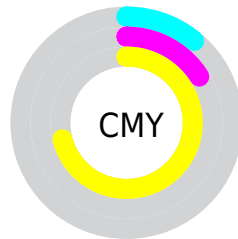
- Red (89%)
- Green (84%)
- Blue (29%)



- Red (35%)
- Yellow (89%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3D74B 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 E3D74B by changing the saturation by 10% instead.

 E3D74B

 E3D74B

FFFFFF

 C5BB2D

 FFFF83

 A8A101

 FFFF9F

 8C8700

 FFFFBB

 706D00

 FFFF83

 545500

 FFFF5

 393E00

 202900

 001600

 000000

 E3D74B

 E3D74B

 E3D534

 E3D962

 E3D31E

 E3DB78

 E3D207

 E3DC8F

 E3D100

 E3DEA6

 E3E0BD

 E3E2D3

 E3E4EA

 E3E5FF

 E3E7FF

Harmonies

Analogous

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



FFC057



E3D74B



9DE76B

Triad

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



E3D74B



00F1FF



FFA1FF

Complementary

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



E3D74B



4B57E3

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.



F4B9FF



E3D74B



00E6FF

Square

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



E3D74B



00F4E8



83D3FF



FF9AC0

Rectangle

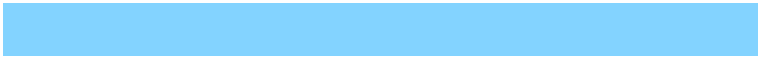
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3D74B



5CEE90



83D3FF



FFA8FF

Sweetspot

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



E3D74B



FFFBCC



E34B58



807D61



000000



808080

Same Dimension

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



E3D74B



FFEF33



A4E34B



737267



B3A400



332F00

Inverse Universe

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



4B57E3



3343FF



8A4BE3



676873



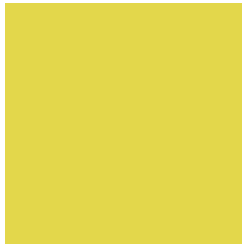
000EB3



000433

Previews

White Background



This preview shows how the Hex color E3D74B looks on a white background.

Color Contrast Check

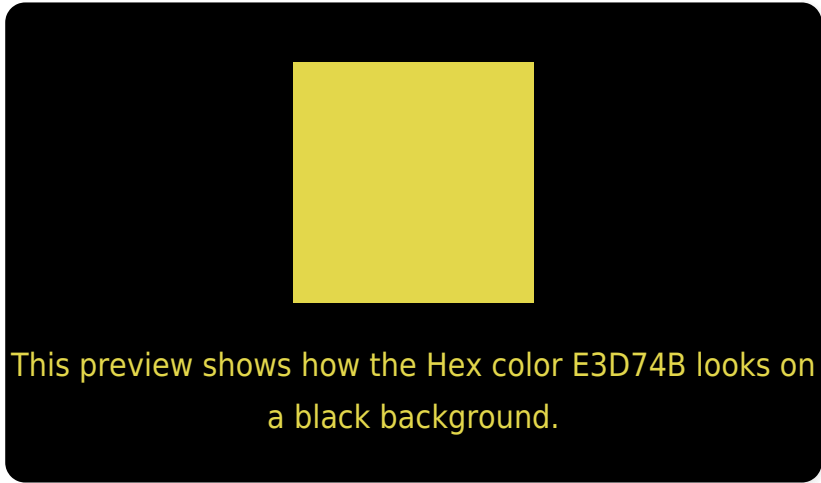
Large Text (above 18pt) WCAG AA × Fail

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 E3D74B Background



This preview shows how black text looks on a background with the Hex color E3D74B.



This preview shows how white text looks on a background with the Hex color E3D74B.

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
E3D74B

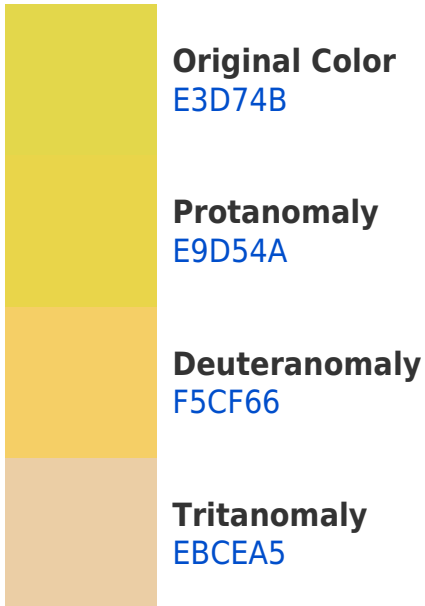
Protanopia
ECD44A

Deuteranopia
FFCB76



Tritanopia
EFC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3D74B 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 #E3D74B looks like.

```
.text, #text, p{  
    color:#E3D74B  
}
```

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 #E3D74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D74B
}
```

Border

The CSS property to change the border of an element to Hex E3D74B 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
#E3D74B }
```

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

```
.border{ border-color:#E3D74B }
```

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

Here you see how a box with a 4 pixel #E3D74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D74B; -webkit-box-shadow:4px 4px  
4px 4px #E3D74B; box-shadow:4px 4px 4px  
4px #E3D74B }
```

Background

The CSS property to change the background color of an element to Hex E3D74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D74B }
```

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

```
.background{ background-color:#E3D74B }
```

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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