

# Converting Colors

Hex(E7DB74)

Have a look what the booklet for  
Hex(E7DB74) contains.

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# **Color**

**Hex(E7DB74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DB74
RGB	231, 219, 116
RGB Percent	91%, 86%, 45%
CMY	0.0941, 0.1412, 0.5451
CMYK	0.00, 0.05, 0.50, 0.09
HSL	54°, 71%, 68%
HSV	54°, 50%, 91%
XYZ	61.4389, 68.9129, 26.5863
YIQ	210.8460, 40.2150, -29.4890

# Conversions

## Conversions Part 2

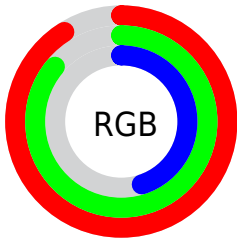
Format	Color
<a href="#">RYB</a>	<a href="#">129, 231, 116</a>
Decimal	<a href="#">15194996</a>
CIELab	<a href="#">86.46, -9.32, 51.65</a>
CIELCh	<a href="#">86, 52.486, 100.231</a>
Yxy	<a href="#">68.9129, 0.3915, 0.4391</a>
Android (android.graphics.Color)	<a href="#">4293385076 (0xFFE7DB74)</a>
YUV	<a href="#">210.8460, -46.7591, 17.6751</a>
Hunter-Lab	<a href="#">83.0138, -13.1655, 39.1212</a>

# Details

The Hex color **E7DB74** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7480E7**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFAA**, and **ADA440** is the 20% darker color. If you saturate the color by 10%, you get **E7D95D**, and if you desaturate by 10%, it is **E7DD8B**.

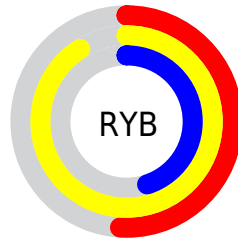
# Distribution



Red (91%)

Green (86%)

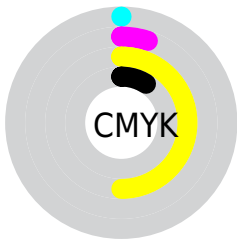
Blue (45%)



Red (51%)

Yellow (91%)

Blue (45%)

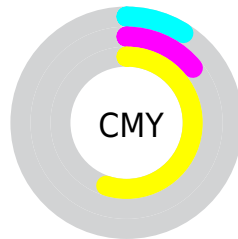


Cyan (0%)

Magenta (5%)

Yellow (50%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7DB74 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 E7DB74 by changing the saturation by 10% instead.



 E7DB74

 E7DB74

FFFFFF

 CABF5A

 FFFFAA

 ADA440

 FFFFC6

 918A25

 FFFFE3

 767103

 5B5900

 424100

 282C00

 0C1800

 000000

 E7DB74

 E7DB74

 E7D95D

 E7DD8B

 E7D646

 E7E0A2

 E7D42F

 E7E2B9

 E7D118

 E7E5D0

 E7CF00

 E7E7E7

 E7E9FF

 E7ECFF

 E7EEFF

 E7F1FF

# Harmonies

## Analogous

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



FFCA7B



E7DB74



B1E88A

# Triad

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



E7DB74



00F0FF



FFB5FB

# Complementary

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



E7DB74



7480E7

# 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.



F3C5FF



E7DB74



33E7FF

# Square

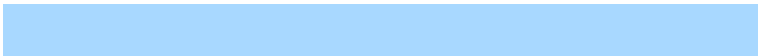
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7DB74



00F2E8



A8D8FF



FFB0C9

# Rectangle

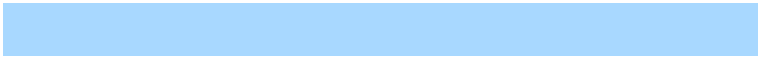
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7DB74



86EEA5



A8D8FF



FFB9FF



# Sweetspot

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



E7DB74



FFFBD9



E77481



807D69



000000



808080



# Same Dimension

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



E7DB74



FFEF66



BBE774



737267



B3A000



332E00



# Inverse Universe

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



7480E7



6676FF



A074E7



676873



0013B3



000533



# Previews

## White Background



This preview shows how the Hex color E7DB74 looks on a white background.

## Color Contrast Check

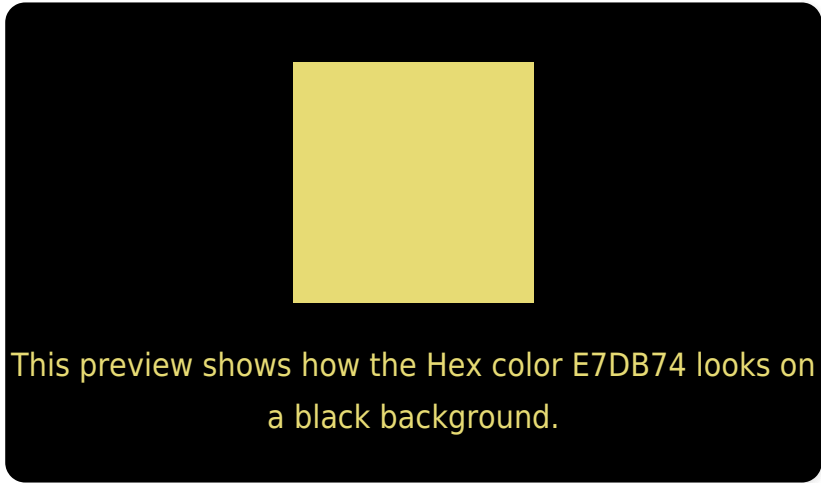
Large Text (above 18pt) WCAG AA × Fail

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 E7DB74 Background



This preview shows how black text looks on a background with the Hex color E7DB74.

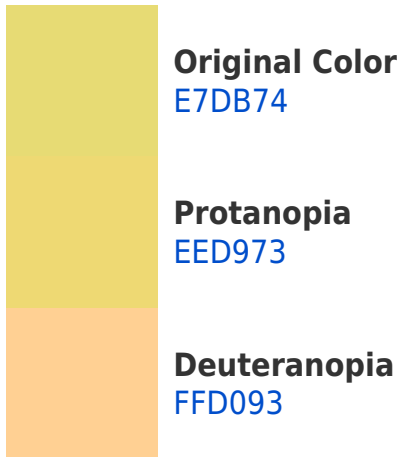


This preview shows how white text looks on a background with the Hex color E7DB74.

# Color Blindness Simulation

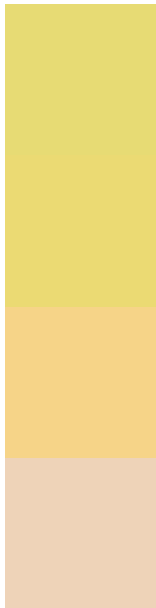
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
E7DB74

**Protanomaly**  
EBDA73

**Deuteranomaly**  
F6D488

**Tritanomaly**  
EED3B8

# Monochromacy



**Original Color**  
E7DB74

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
DAD6B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7DB74 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 #E7DB74 looks like.

```
.text, #text, p{  
    color:#E7DB74  
}
```

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 #E7DB74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7DB74
}
```

## Border

The CSS property to change the border of an element to Hex E7DB74 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
#E7DB74 }
```

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

```
.border{ border-color:#E7DB74 }
```

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

Here you see how a box with a 4 pixel #E7DB74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7DB74; -webkit-box-shadow:4px 4px  
4px 4px #E7DB74; box-shadow:4px 4px 4px  
4px #E7DB74 }
```

# Background

The CSS property to change the background color of an element to Hex E7DB74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7DB74 }
```

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

```
.background{ background-color:#E7DB74 }
```

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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