

# Converting Colors

Hex(E4DC6E)

Have a look what the booklet for  
Hex(E4DC6E) contains.

<b>Hex(E4DC6E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E4DC6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4DC6E
RGB	228, 220, 110
RGB Percent	89%, 86%, 43%
CMY	0.1059, 0.1373, 0.5686
CMYK	0.00, 0.04, 0.52, 0.11
HSL	56°, 69%, 66%
HSV	56°, 52%, 89%
XYZ	60.4026, 68.8062, 24.8492
YIQ	209.8520, 40.0780, -32.5140

# Conversions

## Conversions Part 2

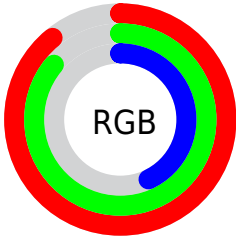
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 228, 110
Decimal	14998638
CIELab	86.41, -11.54, 54.34
CIELCh	86, 55.555, 101.987
Yxy	68.8062, 0.3921, 0.4466
Android (android.graphics.Color)	4293188718 (0xFFE4DC6E)
YUV	209.8520, -49.2270, 15.9158
Hunter-Lab	82.9495, -15.1806, 40.3031

# Details

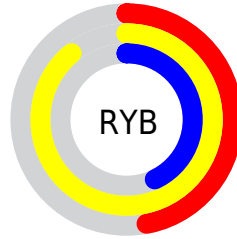
The Hex color **E4DC6E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6E76E4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFA4**, and **AAA539** is the 20% darker color. If you saturate the color by 10%, you get **E4DA57**, and if you desaturate by 10%, it is **E4DE85**.

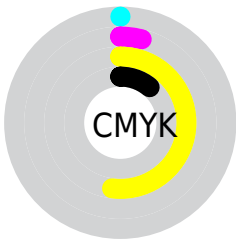
# Distribution



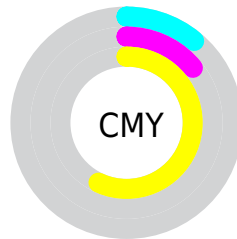
- Red (89%)
- Green (86%)
- Blue (43%)



- Red (47%)
- Yellow (89%)
- Blue (43%)



- Cyan (0%)
- Magenta (4%)
- Yellow (52%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4DC6E 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 E4DC6E by changing the saturation by 10% instead.



 E4DC6E

 E4DC6E

FFFFFF

 C7C054

 FFFFA4

 AAA539

 FFFFC0

 8E8B1D

 FFFFDD

 737200

 FFFFFA

 585900

 3E4200

 252C00

 061900

 000000

 E4DC6E

 E4DC6E

 E4DA57

 E4DE85

 E4D940

 E4DF9C

 E4D72A

 E4E1B2

 E4D613

 E4E2C9

 E4D500

 E4E4E0

 E4E5F7

 E4E7FF

 E4E8FF

 E4EAFF

# Harmonies

## Analogous

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



FFCA73



E4DC6E



AAE987

# Triad

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



E4DC6E



00F0FF



FFB1FA

# Complementary

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



E4DC6E



6E76E4

# 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.



F8C2FF



E4DC6E



0EE7FF

# Square

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



E4DC6E



00F4EC



A9D6FF



FFADC5

# Rectangle

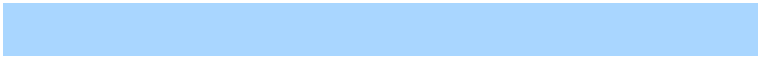
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4DC6E



7BEFA5



A9D6FF



FFB6FF



# Sweetspot

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



E4DC6E



FFCD6



E46E78



807E67



000000



808080



# Same Dimension

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



E4DC6E



FFF461



B3E46E



737267



B3A600



333000



# Inverse Universe

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



6E76E4



616CFF



9F6EE4



676873



000CB3

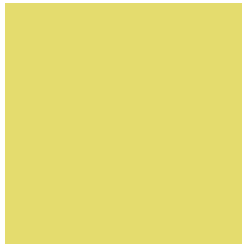


000333



# Previews

## White Background



This preview shows how the Hex color E4DC6E looks on a white background.

## Color Contrast Check

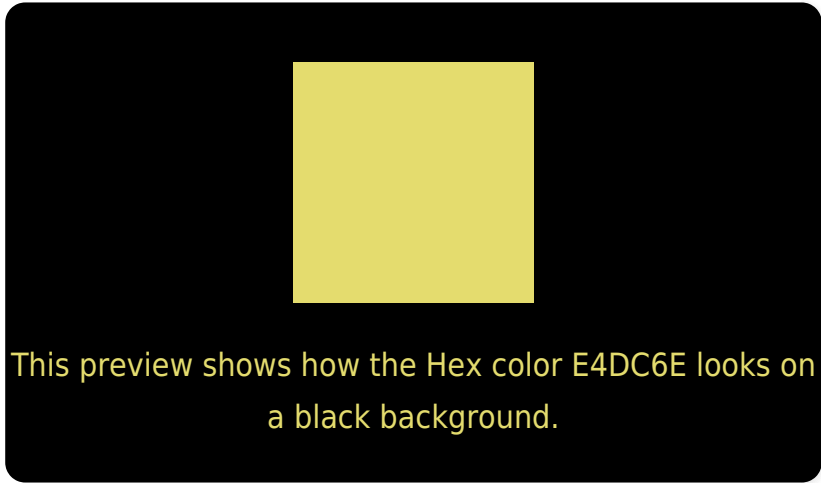
Large Text (above 18pt) WCAG AA × Fail

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

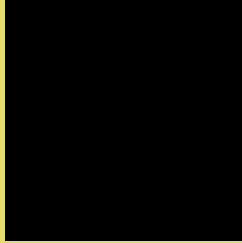
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4DC6E Background



This preview shows how black text looks on a background with the Hex color E4DC6E.

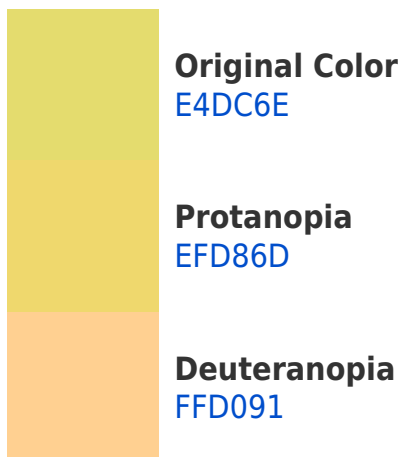


This preview shows how white text looks on a background with the Hex color E4DC6E.

# Color Blindness Simulation

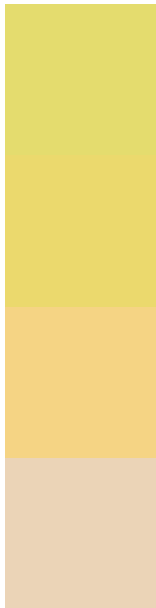
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
E4DC6E

**Protanomaly**  
EBD96D

**Deuteranomaly**  
F5D484

**Tritanomaly**  
EBD4B7

# Monochromacy



**Original Color**  
E4DC6E

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D9D6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4DC6E 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 #E4DC6E looks like.

```
.text, #text, p{  
    color:#E4DC6E  
}
```

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 #E4DC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4DC6E
}
```

## Border

The CSS property to change the border of an element to Hex E4DC6E 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
#E4DC6E }
```

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

```
.border{ border-color:#E4DC6E }
```

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

Here you see how a box with a 4 pixel #E4DC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4DC6E; -webkit-box-shadow:4px 4px  
4px 4px #E4DC6E; box-shadow:4px 4px 4px  
4px #E4DC6E }
```

# Background

The CSS property to change the background color of an element to Hex E4DC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4DC6E }
```

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

```
.background{ background-color:#E4DC6E }
```

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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