

# Converting Colors

Hex(E2DB70)

Have a look what the booklet for  
Hex(E2DB70) contains.

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# **Color**

**Hex(E2DB70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2DB70
RGB	226, 219, 112
RGB Percent	89%, 86%, 44%
CMY	0.1137, 0.1412, 0.5608
CMYK	0.00, 0.03, 0.50, 0.11
HSL	56°, 66%, 66%
HSV	56°, 50%, 89%
XYZ	59.6202, 68.0016, 25.3125
YIQ	208.8950, 38.5190, -31.7930

# Conversions

## Conversions Part 2

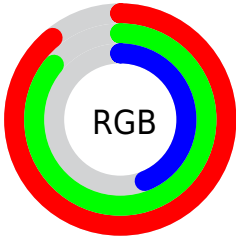
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 226, 112
Decimal	14867312
CIELab	86.01, -11.68, 52.90
CIELCh	86, 54.171, 102.447
Yxy	68.0016, 0.3898, 0.4446
Android (android.graphics.Color)	4293057392 (0xFFE2DB70)
YUV	208.8950, -47.7692, 15.0011
Hunter-Lab	82.4631, -15.2563, 39.5248

# Details

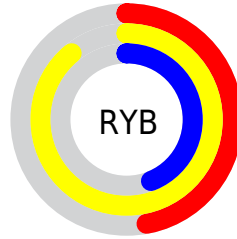
The Hex color **E2DB70** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7077E2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFA6**, and **A8A43C** is the 20% darker color. If you saturate the color by 10%, you get **E2DA59**, and if you desaturate by 10%, it is **E2DC87**.

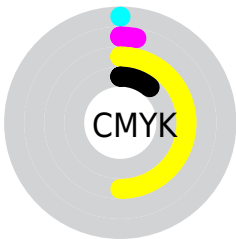
# Distribution



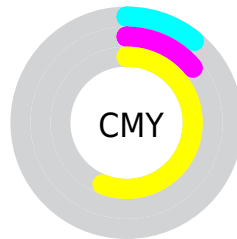
- Red (89%)
- Green (86%)
- Blue (44%)



- Red (47%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (3%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2DB70 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 E2DB70 by changing the saturation by 10% instead.



 E2DB70

 E2DB70

FFFFFF

 C5BF56

 FFFFA6

 A8A43C

 FFFFC2

 8D8A20

 FFFFDF

 717100

 FFFFFC

 575800

 3D4100

 242B00

 031800

 000000

 E2DB70

 E2DB70

 E2DA59

 E2DC87

 E2D843

 E2DE9D

 E2D72C

 E2DFB4

 E2D516

 E2E1CA

 E2D400

 E2E2E1

 E2E3F8

 E2E5FF

 E2E6FF

 E2E7FF

# Harmonies

## Analogous

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



FFCA75



E2DB70



A9E889

# Triad

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



E2DB70



00EFFF



FFB1F7

# Complementary

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



E2DB70



7077E2

# 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.



F7C2FF



E2DB70



2CE5FF

# Square

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



E2DB70



00F2EC



ABD5FF



FFADC3

# Rectangle

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



E2DB70



7CEEA6



ABD5FF



FFB6FF



# Sweetspot

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



E2DB70



FFFDD9



E27078



807E69



000000



808080



# Same Dimension

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



E2DB70



FFF563



B1E270



707065



B0A500



302D00



# Inverse Universe

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



7077E2



636DFF



A170E2



656670



000BB0

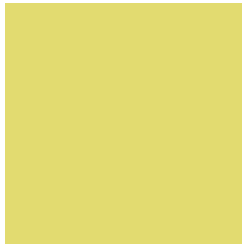


000330



# Previews

## White Background



This preview shows how the Hex color E2DB70 looks on a white background.

## Color Contrast Check

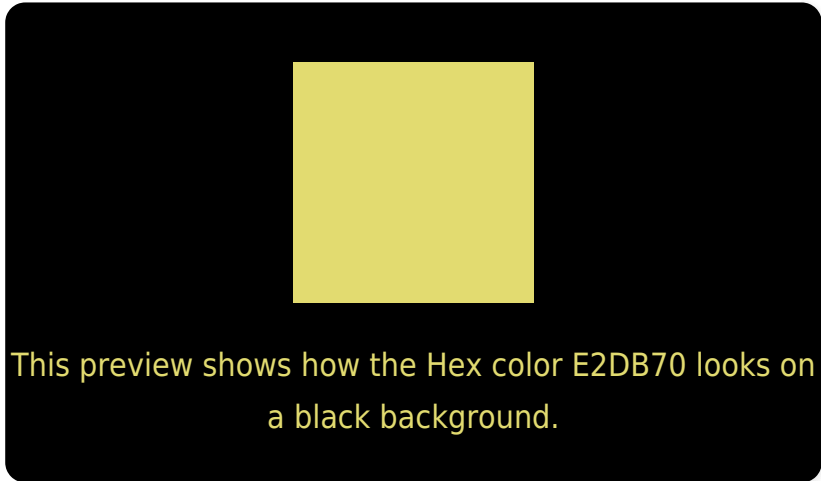
Large Text (above 18pt) WCAG AA × Fail

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

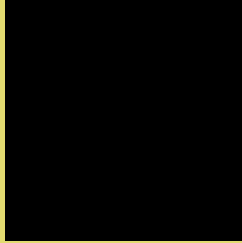
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2DB70 Background



This preview shows how black text looks on a background with the Hex color E2DB70.

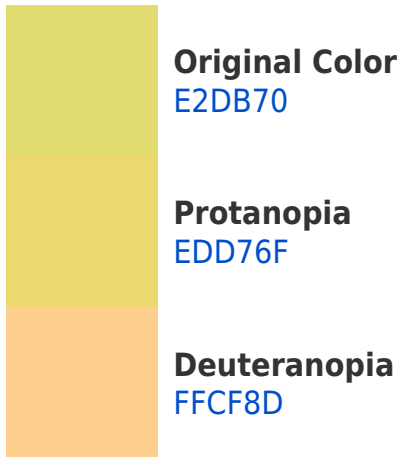


This preview shows how white text looks on a background with the Hex color E2DB70.

# Color Blindness Simulation

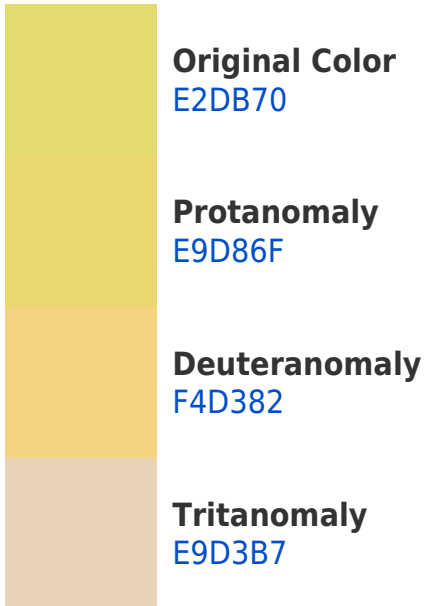
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

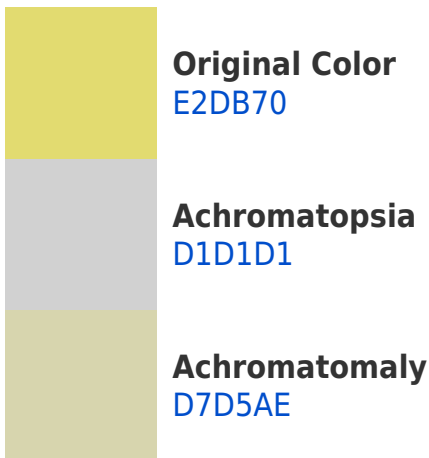




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2DB70 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 #E2DB70 looks like.

```
.text, #text, p{  
    color:#E2DB70  
}
```

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 #E2DB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2DB70
}
```

## Border

The CSS property to change the border of an element to Hex E2DB70 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
#E2DB70 }
```

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

```
.border{ border-color:#E2DB70 }
```

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

Here you see how a box with a 4 pixel #E2DB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2DB70; -webkit-box-shadow:4px 4px  
4px 4px #E2DB70; box-shadow:4px 4px 4px  
4px #E2DB70 }
```

# Background

The CSS property to change the background color of an element to Hex E2DB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2DB70 }
```

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

```
.background{ background-color:#E2DB70 }
```

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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