

# Converting Colors

Hex(E2DB4A)

Have a look what the booklet for  
Hex(E2DB4A) contains.

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# **Color**

**Hex(E2DB4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2DB4A
RGB	226, 219, 74
RGB Percent	89%, 86%, 29%
CMY	0.1137, 0.1412, 0.7098
CMYK	0.00, 0.03, 0.67, 0.11
HSL	57°, 72%, 59%
HSV	57°, 67%, 89%
XYZ	57.9316, 67.3262, 16.4205
YIQ	204.5630, 50.7170, -43.6110

# Conversions

## Conversions Part 2

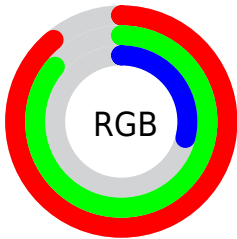
Format	Color
R <sub>YB</sub>	81, 226, 74
Decimal	14867274
CIE Lab	85.67, -14.29, 68.83
CIE LCh	86, 70.302, 101.732
Yxy	67.3262, 0.4089, 0.4752
Android (android.graphics.Color)	4293057354 (0xFFE2DB4A)
YUV	204.5630, -64.3676, 18.8002
Hunter-Lab	82.0525, -17.5655, 45.5716

# Details

The Hex color **E2DB4A** 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 **4A51E2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF82**, and **A7A400** is the 20% darker color. If you saturate the color by 10%, you get **E2DA33**, and if you desaturate by 10%, it is **E2DC61**.

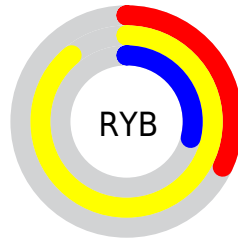
# Distribution



Red (89%)

Green (86%)

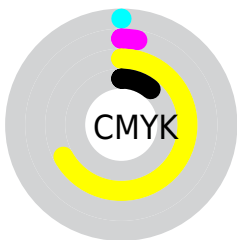
Blue (29%)



Red (32%)

Yellow (89%)

Blue (29%)

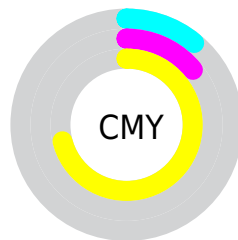


Cyan (0%)

Magenta (3%)

Yellow (67%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2DB4A 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 E2DB4A by changing the saturation by 10% instead.



 E2DB4A

 E2DB4A

FFFFFF

 C4BF2C

 FFFF82

 A7A400

 FFFF9E

 8B8A00

 FFFFBB

 6F7100

 FFFF82

 535900

 FFFF55

 384100

 1F2C00

 001800

 000000

 E2DB4A

 E2DB4A

 E2DA33

 E2DC61

 E2D91D

 E2DD77

 E2D806

 E2DE8E

 E2D800

 E2DFA4

 E2E0BB

 E2E1D2

 E2E2E8

 E2E3FF

 E2E4FF

# Harmonies

## Analogous

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



FFC454



E2DB4A



99EB6E

# Triad

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



E2DB4A



00F4FF



FFA1FF

# Complementary

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



E2DB4A



4A51E2

# 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.



FCBAFF



E2DB4A



00E9FF

# Square

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



E2DB4A



00F7EF



8CD5FF



FF9BBF

# Rectangle

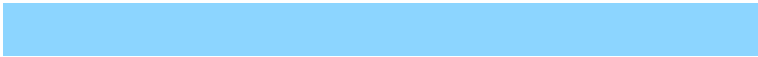
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2DB4A



52F294



8CD5FF



FFA8FF



# Sweetspot

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



E2DB4A



FFDCC



E24A52



807E61



000000



808080



# Same Dimension

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



E2DB4A



FFF530



9EE24A



707065



B0A800



302E00



# Inverse Universe

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



4A51E2



303AFF



8E4AE2



656570



0008B0

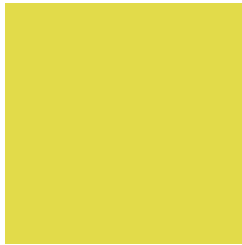


000230



# Previews

## White Background



This preview shows how the Hex color E2DB4A looks on a white background.

## Color Contrast Check

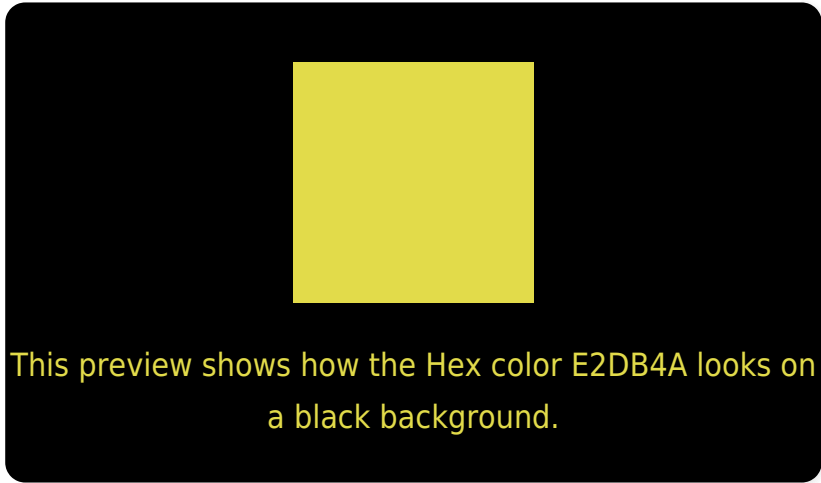
Large Text (above 18pt) WCAG AA × Fail

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 E2DB4A Background



This preview shows how black text looks on a background with the Hex color E2DB4A.

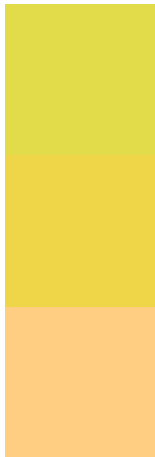


This preview shows how white text looks on a background with the Hex color E2DB4A.

# 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



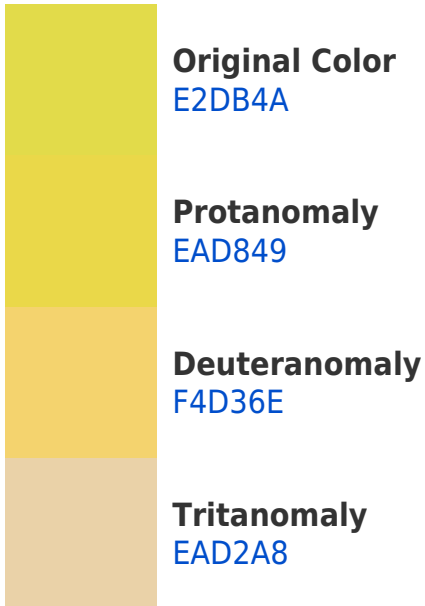
**Original Color**  
E2DB4A

**Protanopia**  
EFD649

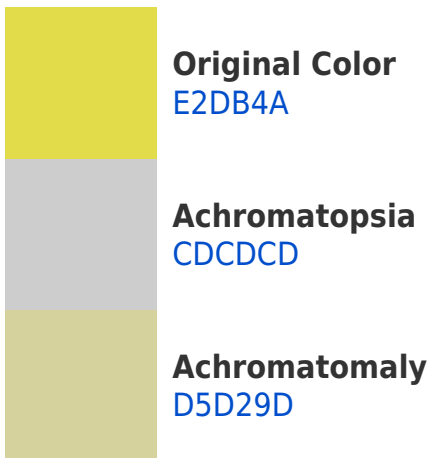
**Deuteranopia**  
FFCE82



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2DB4A 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 #E2DB4A looks like.

```
.text, #text, p{  
    color:#E2DB4A  
}
```

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 #E2DB4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2DB4A
}
```

## Border

The CSS property to change the border of an element to Hex E2DB4A 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
#E2DB4A }
```

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

```
.border{ border-color:#E2DB4A }
```

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

Here you see how a box with a 4 pixel #E2DB4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2DB4A; -webkit-box-shadow:4px 4px  
4px 4px #E2DB4A; box-shadow:4px 4px 4px  
4px #E2DB4A }
```

# Background

The CSS property to change the background color of an element to Hex E2DB4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2DB4A }
```

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

```
.background{ background-color:#E2DB4A }
```

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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