

# Converting Colors

Hex(E9DB7A)

Have a look what the booklet for  
Hex(E9DB7A) contains.

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# **Color**

**Hex(E9DB7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9DB7A
RGB	233, 219, 122
RGB Percent	91%, 86%, 48%
CMY	0.0863, 0.1412, 0.5216
CMYK	0.00, 0.06, 0.48, 0.09
HSL	52°, 72%, 70%
HSV	52°, 48%, 91%
XYZ	62.4486, 69.3918, 28.5149
YIQ	212.1280, 39.4810, -27.1990

# Conversions

## Conversions Part 2

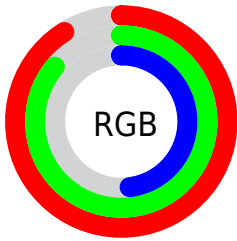
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 233, 122
Decimal	15326074
CIELab	86.70, -7.99, 49.11
CIELCh	87, 49.752, 99.238
Yxy	69.3918, 0.3894, 0.4327
Android (android.graphics.Color)	4293516154 (0xFFE9DB7A)
YUV	212.1280, -44.4331, 18.3047
Hunter-Lab	83.3017, -11.9624, 38.0157

# Details

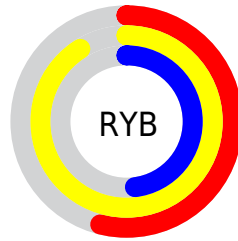
The Hex color **E9DB7A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A88E9**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFB0**, and **AFA446** is the 20% darker color. If you saturate the color by 10%, you get **E9D863**, and if you desaturate by 10%, it is **E9DE91**.

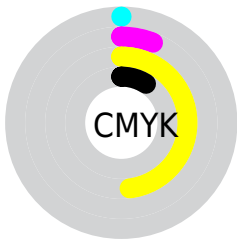
# Distribution



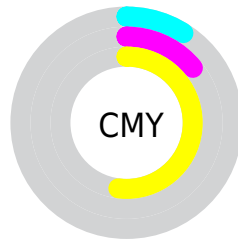
- Red (91%)
- Green (86%)
- Blue (48%)



- Red (54%)
- Yellow (91%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (48%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9DB7A 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 E9DB7A by changing the saturation by 10% instead.



 E9DB7A

 E9DB7A

FFFFFF

 CCBF60

 FFFFB0

 AFA446

 FFFFCC

 938A2C

 FFFFEE

 78710F

 5D5800

 444100

 2A2C00

 101800

 000000

 E9DB7A

 E9DB7A

 E9D863

 E9DE91

 E9D54B

 E9E1A9

 E9D234

 E9E4C0

 E9CF1D

 E9E7D7

 E9CC06

 E9EAEE

 E9CC00

 E9EDFF

 E9F0FF

 E9F3FF

 E9F5FF

# Harmonies

## Analogous

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



FFCB81



E9DB7A



B6E88E

# Triad

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



E9DB7A



00EFFF



FFB8FC

# Complementary

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



E9DB7A



7A88E9

# 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.



F1C7FF



E9DB7A



49E7FF

# Square

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



E9DB7A



10F2E7



AAD9FF



FFB3CC

# Rectangle

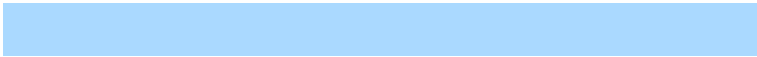
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9DB7A



8FEDA7



AAD9FF



FFBDFE



# Sweetspot

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



E9DB7A



FFFADB



E97A89



807D6A



000000



808080



# Same Dimension

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



E9DB7A



FFED6E



C0E97A



75746A



B59E00



362F00



# Inverse Universe

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



7A88E9



6E80FF



A37AE9



6A6B75



0017B5

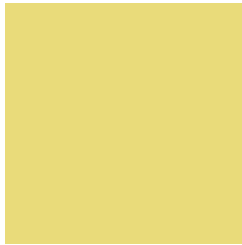


000736



# Previews

## White Background



This preview shows how the Hex color E9DB7A looks on a white background.

## Color Contrast Check

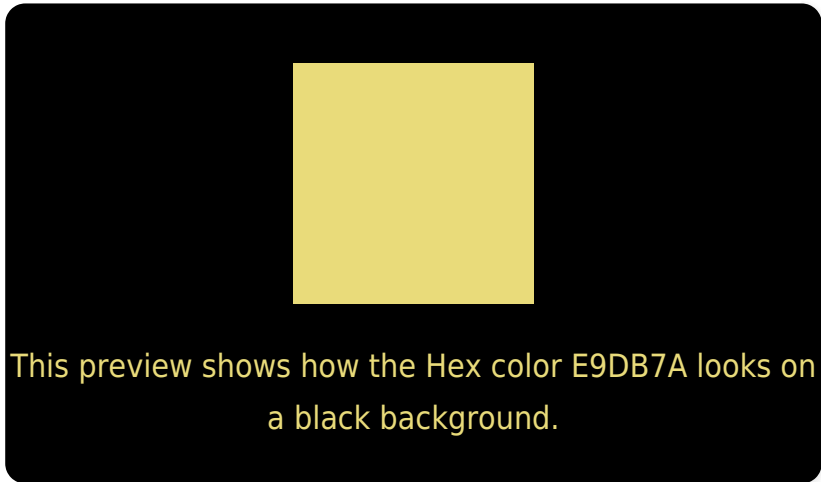
Large Text (above 18pt) WCAG AA × Fail

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

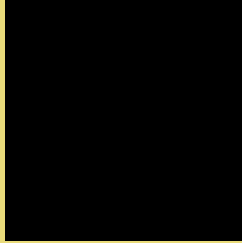
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9DB7A Background



This preview shows how black text looks on a background with the Hex color E9DB7A.

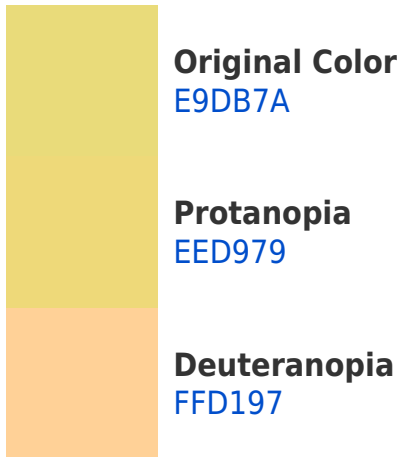


This preview shows how white text looks on a background with the Hex color E9DB7A.

# 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](#).

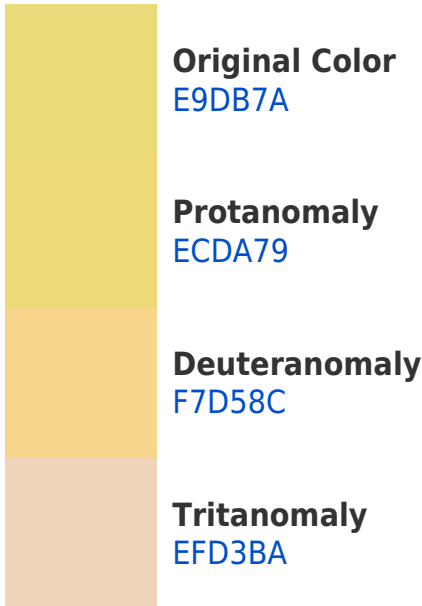
## Dichromacy



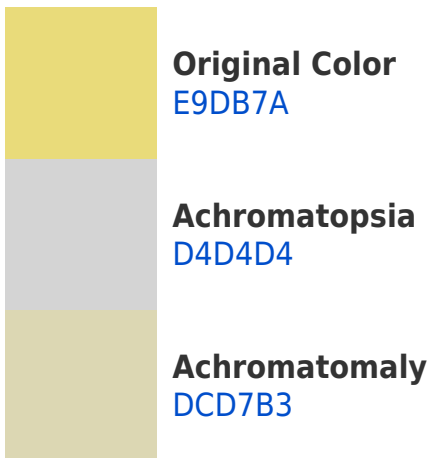


**Tritanopia**  
F3CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9DB7A 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 #E9DB7A looks like.

```
.text, #text, p{  
    color:#E9DB7A  
}
```

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 #E9DB7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9DB7A
}
```

## Border

The CSS property to change the border of an element to Hex E9DB7A 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
#E9DB7A }
```

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

```
.border{ border-color:#E9DB7A }
```

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

Here you see how a box with a 4 pixel #E9DB7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9DB7A; -webkit-box-shadow:4px 4px  
4px 4px #E9DB7A; box-shadow:4px 4px 4px  
4px #E9DB7A }
```

# Background

The CSS property to change the background color of an element to Hex E9DB7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9DB7A }
```

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

```
.background{ background-color:#E9DB7A }
```

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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