

# Converting Colors

Hex(E2D09A)

Have a look what the booklet for  
Hex(E2D09A) contains.

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# **Color**

**Hex(E2D09A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2D09A
RGB	226, 208, 154
RGB Percent	89%, 82%, 60%
CMY	0.1137, 0.1843, 0.3961
CMYK	0.00, 0.08, 0.32, 0.11
HSL	45°, 55%, 75%
HSV	45°, 32%, 89%
XYZ	59.7526, 63.6136, 39.7012
YIQ	207.2260, 28.0620, -12.9780

# Conversions

## Conversions Part 2

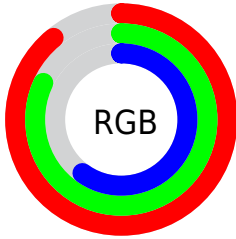
Format	Color
<a href="#">RYB</a>	<a href="#">178, 226, 154</a>
Decimal	<a href="#">14864538</a>
CIELab	<a href="#">83.76, -1.69, 29.13</a>
CIElCh	<a href="#">84, 29.174, 93.321</a>
Yxy	<a href="#">63.6136, 0.3664, 0.3901</a>
Android (android.graphics.Color)	<a href="#">4293054618</a> ( <a href="#">0xFFE2D09A</a> )
YUV	<a href="#">207.2260, -26.2404, 16.4648</a>
Hunter-Lab	<a href="#">79.7581, -5.8493, 26.3179</a>

# Details

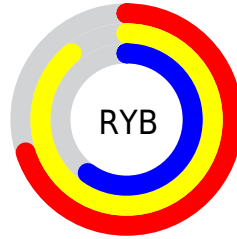
The Hex color **E2D09A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9AACE2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFD1**, and **AA9A66** is the 20% darker color. If you saturate the color by 10%, you get **E2CA83**, and if you desaturate by 10%, it is **E2D6B1**.

# Distribution



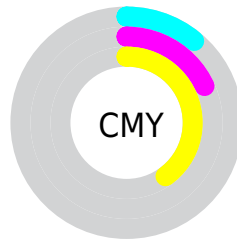
- Red (89%)
- Green (82%)
- Blue (60%)



- Red (70%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2D09A 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 E2D09A by changing the saturation by 10% instead.



 E2D09A

 E2D09A

FFFFFF

 C6B580

 FFFFD1

 AA9A66

 FFFFED

 8F804E

 746736

 5B4F20

 423809

 2B2300

 100E00

 000000

 E2D09A

 E2D09A

 E2CA83

 E2D6B1

 E2C56D

 E2DBC7

 E2BF56

 E2E1DE

 E2B940

 E2E7F4

 E2B429

 E2ECFF

 E2AE12

 E2F2FF

 E2AA00

 E2F8FF

 E2FDFF

 E2FFFF

# Harmonies

## Analogous

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



FAC7A1



E2D09A



C4D8A2

# Triad

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



E2D09A



80DFEE



F7C0EA

# Complementary

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



E2D09A



9AACE2

# 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.



D9C9FF



E2D09A



90DAFF

# Square

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



E2D09A



8AE0D3



B3D2FF



FFBDCF

# Rectangle

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



E2D09A



AFDCAF



B3D2FF



EEC3F2



# Sweetspot

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



E2D09A



FFF9E6



E29AAC



807C70



000000



808080



# Same Dimension

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



E2D09A



FFE79E



D0E29A



706D65



B08400



302400



# Inverse Universe

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



9AACE2



9EB6FF



AC9AE2



656870



002CB0

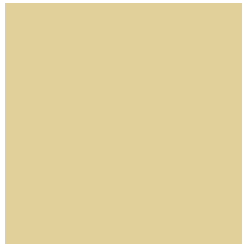


000C30



# Previews

## White Background



This preview shows how the Hex color E2D09A 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



This preview shows how the Hex color E2D09A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

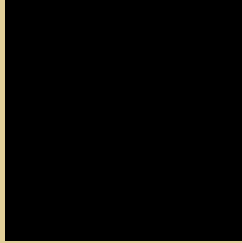
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2D09A Background



This preview shows how black text looks on a background with the Hex color E2D09A.

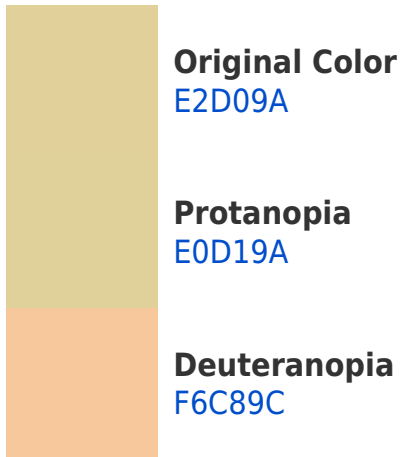


This preview shows how white text looks on a background with the Hex color E2D09A.

# 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](#).

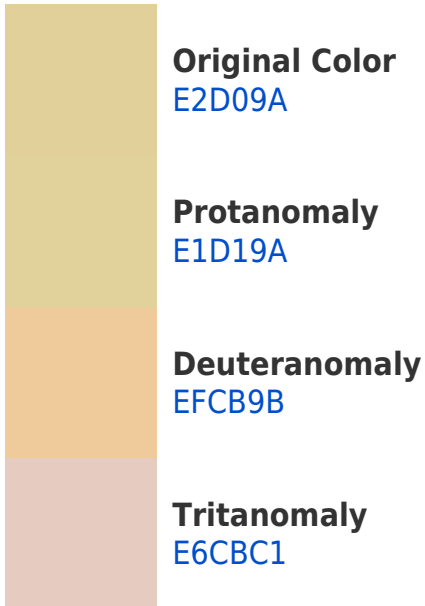
## Dichromacy





**Tritanopia**  
E9C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2D09A 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 #E2D09A looks like.

```
.text, #text, p{  
    color:#E2D09A  
}
```

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 #E2D09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D09A
}
```

## Border

The CSS property to change the border of an element to Hex E2D09A 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
#E2D09A }
```

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

```
.border{ border-color:#E2D09A }
```

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

Here you see how a box with a 4 pixel #E2D09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D09A; -webkit-box-shadow:4px 4px  
4px 4px #E2D09A; box-shadow:4px 4px 4px  
4px #E2D09A }
```

# Background

The CSS property to change the background color of an element to Hex E2D09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D09A }
```

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

```
.background{ background-color:#E2D09A }
```

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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