

# Converting Colors

Hex(E8D198)

Have a look what the booklet for  
Hex(E8D198) contains.

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# **Color**

**Hex(E8D198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8D198
RGB	232, 209, 152
RGB Percent	91%, 82%, 60%
CMY	0.0902, 0.1804, 0.4039
CMYK	0.00, 0.10, 0.34, 0.09
HSL	43°, 63%, 75%
HSV	43°, 34%, 91%
XYZ	61.7467, 65.0237, 39.0022
YIQ	209.3790, 32.0050, -12.8510

# Conversions

## Conversions Part 2

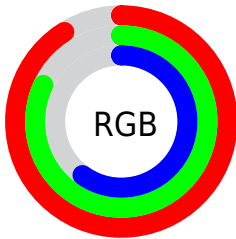
Format	Color
<a href="#">RYB</a>	<a href="#">184, 232, 152</a>
Decimal	<a href="#">15258008</a>
CIELab	<a href="#">84.50, -0.13, 31.23</a>
CIELCh	<a href="#">84, 31.231, 90.242</a>
Yxy	<a href="#">65.0237, 0.3725, 0.3922</a>
Android (android.graphics.Color)	<a href="#">4293448088 (0xFFE8D198)</a>
YUV	<a href="#">209.3790, -28.2878, 19.8386</a>
Hunter-Lab	<a href="#">80.6373, -4.4318, 27.7690</a>

# Details

The Hex color **E8D198** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **98AFE8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFCF**, and **AF9B64** is the 20% darker color. If you saturate the color by 10%, you get **E8CA81**, and if you desaturate by 10%, it is **E8D8AF**.

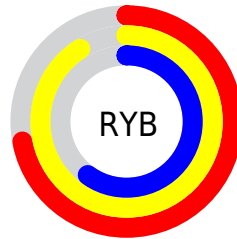
# Distribution



Red (91%)

Green (82%)

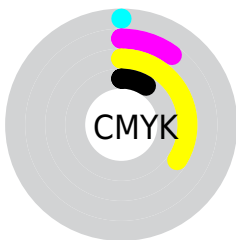
Blue (60%)



Red (72%)

Yellow (91%)

Blue (60%)

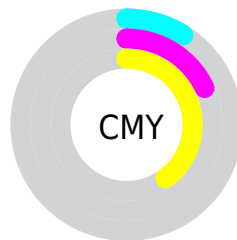


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8D198 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 E8D198 by changing the saturation by 10% instead.



 E8D198

 E8D198

FFFFFF

 CBB57E

 FFFFCF

 AF9B64

 FFFFEB

 94814C

 796834

 5F501D

 463906

 2E2400

 150F00

 000000

 E8D198

 E8D198

 E8CA81

 E8D8AF

 E8C46A

 E8DEC6

 E8BD52

 E8E5DE

 E8B63B

 E8ECF5

 E8B024

 E8F2FF

 E8A90D

 E8F9FF

 E8A500

 E8FFFF

# Harmonies

## Analogous

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



FFC7A1



E8D198



C8DA9F

# Triad

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



E8D198



7AE2EF



F9C2F1

# Complementary

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



E8D198



98AFE8

# 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.



D8CBFF



E8D198



89DEFF

# Square

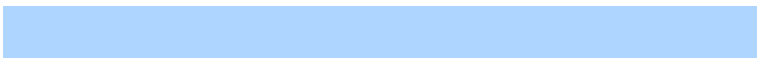
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8D198



88E3D2



AED5FF



FFBDD4

# Rectangle

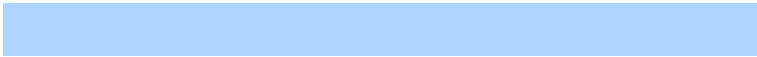
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8D198



B2DFAC



AED5FF



EFC5F9

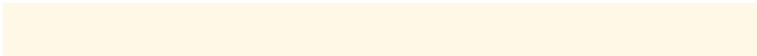


# Sweetspot

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



E8D198



FFF8E6



E898B0



807B70



000000



808080



# Same Dimension

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



E8D198



FFE196



D8E898



736F67



B37F00



332400



# Inverse Universe

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



98AFE8



96B5FF



A898E8



676B73



0033B3

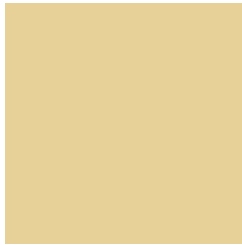


000F33



# Previews

## White Background



This preview shows how the Hex color E8D198 looks on a white background.

## Color Contrast Check

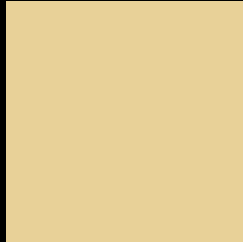
Large Text (above 18pt) WCAG AA × Fail

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 E8D198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

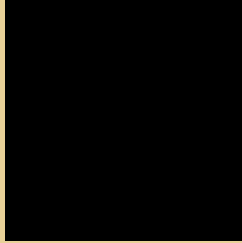
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8D198 Background



This preview shows how black text looks on a background with the Hex color E8D198.

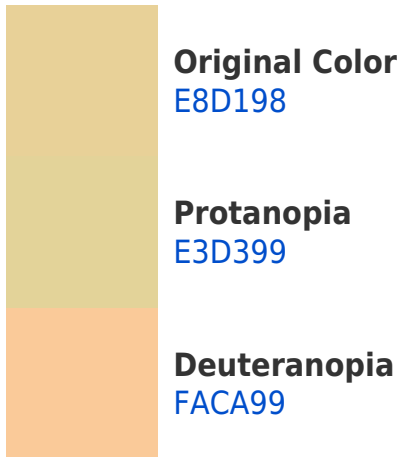


This preview shows how white text looks on a background with the Hex color E8D198.

# 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**  
EFC9D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8D198 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 #E8D198 looks like.

```
.text, #text, p{  
    color:#E8D198  
}
```

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 #E8D198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8D198  
}
```

## Border

The CSS property to change the border of an element to Hex E8D198 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  
#E8D198 }
```

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

```
.border{ border-color:#E8D198 }
```

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

Here you see how a box with a 4 pixel #E8D198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8D198; -webkit-box-shadow:4px 4px  
4px 4px #E8D198; box-shadow:4px 4px 4px  
4px #E8D198 }
```

# Background

The CSS property to change the background color of an element to Hex E8D198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8D198 }
```

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

```
.background{ background-color:#E8D198 }
```

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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