

# Converting Colors

Hex(E5B096)

Have a look what the booklet for  
Hex(E5B096) contains.

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**Color**

**Hex(E5B096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B096
RGB	229, 176, 150
RGB Percent	90%, 69%, 59%
CMY	0.1020, 0.3098, 0.4118
CMYK	0.00, 0.23, 0.34, 0.10
HSL	20°, 60%, 74%
HSV	20°, 34%, 90%
XYZ	53.3435, 49.9107, 35.6764
YIQ	188.8830, 39.9340, 3.1500

# Conversions

## Conversions Part 2

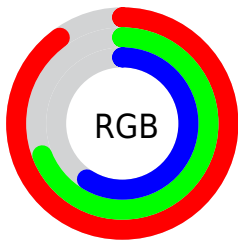
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 189, 150
Decimal	15052950
CIE Lab	76.01, 15.82, 20.76
CIE LCh	76, 26.103, 52.703
Yxy	49.9107, 0.3840, 0.3592
Android (android.graphics.Color)	4293243030 (0xFFE5B096)
YUV	188.8830, -19.1693, 35.1826
Hunter-Lab	70.6475, 11.1460, 19.5123

# Details

The Hex color **E5B096** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **96CBE5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE8CC**, and **AC7B63** is the 20% darker color. If you saturate the color by 10%, you get **E5A17F**, and if you desaturate by 10%, it is **E5BFAD**.

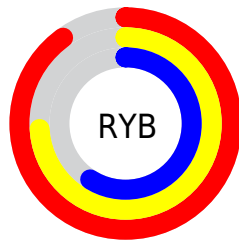
# Distribution



Red (90%)

Green (69%)

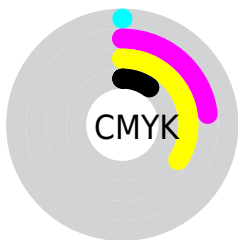
Blue (59%)



Red (90%)

Yellow (74%)

Blue (59%)

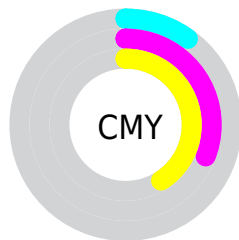


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (10%)



Cyan (10%)

Magenta (31%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B096 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 E5B096 by changing the saturation by 10% instead.



 E5B096

 E5B096

FFFFFF

 C8957C

 FFE8CC

 AC7B63

 FFFFE8

 90624B

 764A34

 5B331F

 421E08

 2A0800

 000000

 E5B096

 E5B096

 E5A17F

 E5BFAD

 E59168

 E5CFC4

 E58251

 E5DEDB

 E5733A

 E5EDF2

 E56323

 E5FDFF

 E5540D

 E5FFFF

 E54B00

# Harmonies

## Analogous

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



EDABAA



E5B096



D3B88C

# Triad

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



E5B096



85C9B4



B7B7E8

# Complementary

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



E5B096



96CBE5

# 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.



96BFEB



E5B096



76C9CD

# Square

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



E5B096



9EC69E



7CC6E1



D5AFD9

# Rectangle

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



E5B096



C3BD8C



7CC6E1



ACBAEA



# Sweetspot

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



E5B096



FFEEE6



E596CC



807570



000000



808080



# Same Dimension

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



E5B096



FFB996



E5D796



736B67



B33B00



331100

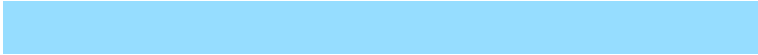


# Inverse Universe

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



96CBE5



96DDFF



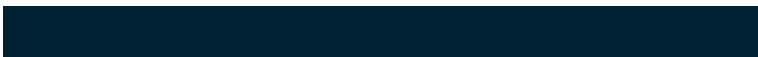
96A4E5



676F73



0078B3



002233



# Previews

## White Background



This preview shows how the Hex color E5B096 looks on a white background.

## Color Contrast Check

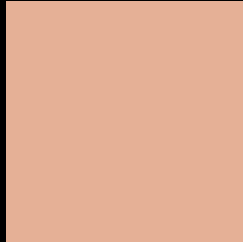
Large Text (above 18pt) WCAG AA × Fail

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 E5B096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

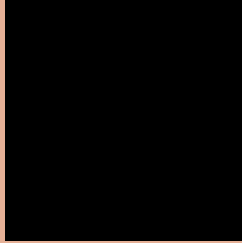
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5B096 Background



This preview shows how black text looks on a background with the Hex color E5B096.

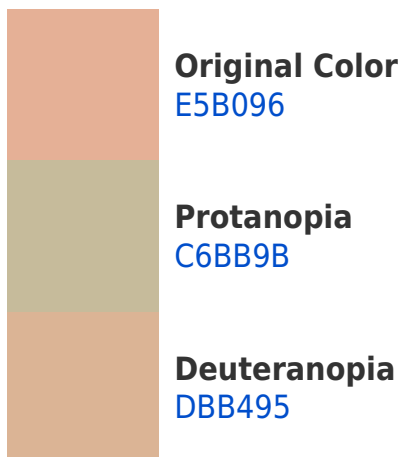


This preview shows how white text looks on a background with the Hex color E5B096.

# 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](#).

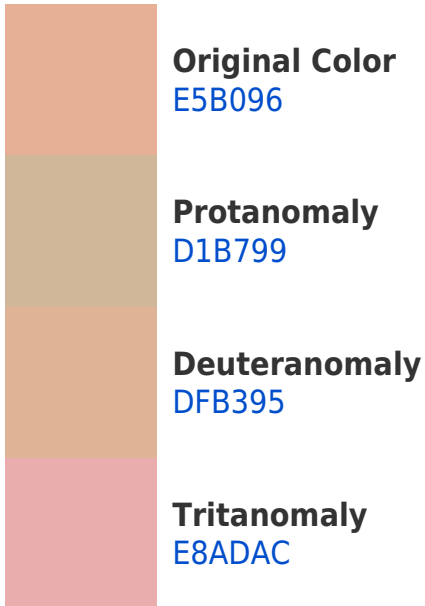
## Dichromacy



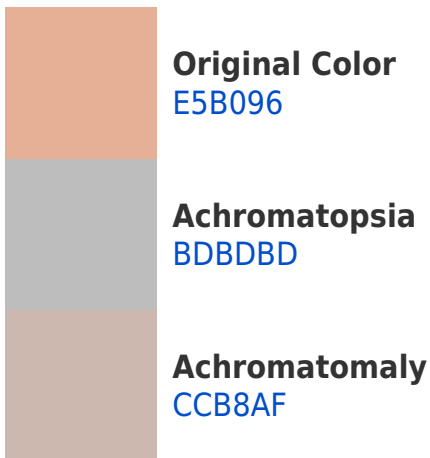


**Tritanopia**  
E9ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B096 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 #E5B096 looks like.

```
.text, #text, p{  
    color:#E5B096  
}
```

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 #E5B096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B096
}
```

## Border

The CSS property to change the border of an element to Hex E5B096 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
#E5B096 }
```

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

```
.border{ border-color:#E5B096 }
```

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

Here you see how a box with a 4 pixel #E5B096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B096; -webkit-box-shadow:4px 4px  
4px 4px #E5B096; box-shadow:4px 4px 4px  
4px #E5B096 }
```

# Background

The CSS property to change the background color of an element to Hex E5B096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B096 }
```

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

```
.background{ background-color:#E5B096 }
```

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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