

# Converting Colors

Hex(E1CA93)

Have a look what the booklet for  
Hex(E1CA93) contains.

<b>Hex(E1CA93)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E1CA93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1CA93
RGB	225, 202, 147
RGB Percent	88%, 79%, 58%
CMY	0.1176, 0.2078, 0.4235
CMYK	0.00, 0.10, 0.35, 0.12
HSL	42°, 57%, 73%
HSV	42°, 35%, 88%
XYZ	57.4383, 60.3552, 36.2262
YIQ	202.6070, 31.3630, -12.2290

# Conversions

## Conversions Part 2

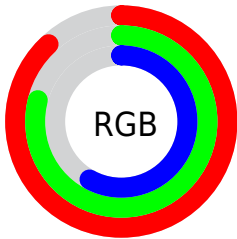
Format	Color
R <sub>Y</sub> B	180, 225, 147
Decimal	14797459
CIE Lab	82.03, 0.18, 30.43
CIE LCh	82, 30.434, 89.665
Yxy	60.3552, 0.3729, 0.3919
Android (android.graphics.Color)	4292987539 (0xFFE1CA93)
YUV	202.6070, -27.4143, 19.6387
Hunter-Lab	77.6886, -3.9828, 26.7351

# Details

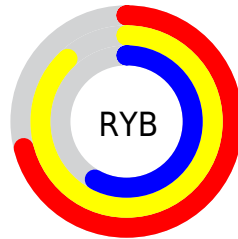
The Hex color **E1CA93** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **93AAE1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFC9**, and **A99460** is the 20% darker color. If you saturate the color by 10%, you get **E1C37C**, and if you desaturate by 10%, it is **E1D1AA**.

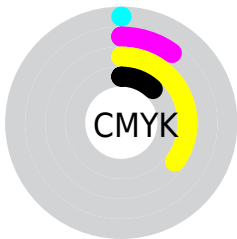
# Distribution



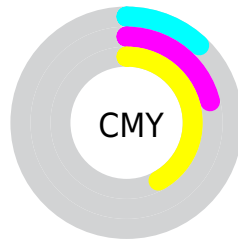
- Red (88%)
- Green (79%)
- Blue (58%)



- Red (71%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1CA93 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 E1CA93 by changing the saturation by 10% instead.



 E1CA93

 E1CA93

FFFFFF

 C4AF79

 FFFFC9

 A99460

 FFFFEE

 8D7A47

 736230

 594A19

 413401

 291F00

 0C0700

 000000

 E1CA93

 E1CA93

 E1C37C

 E1D1AA

 E1BD66

 E1D7C0

 E1B64F

 E1DED6

 E1AF39

 E1E5ED

 E1A923

 E1EBFF

 E1A20C

 E1F2FF

 E19F00

 E1F8FF

 E1FFFF

# Harmonies

## Analogous

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



F9C09C



E1CA93



C3D39A

# Triad

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



E1CA93



76DBE7



F0BCE9

# Complementary

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



E1CA93



93AAE1

# 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.



D0C5FE



E1CA93



84D7FC

# Square

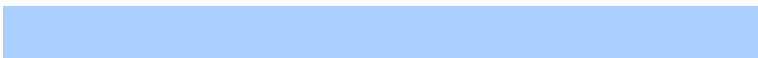
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1CA93



84DCCB



A8CFFF



FFB7CD

# Rectangle

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



E1CA93



ADD7A6



A8CFFF



E7BEF1

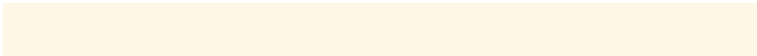


# Sweetspot

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



E1CA93



FFF7E6



E193AA



807B70



000000



808080



# Same Dimension

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



E1CA93



FFDF94



D1E193



706D65



B07C00



302200



# Inverse Universe

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



93AAE1



94B3FF



A393E1



656870



0034B0



000E30



# Previews

## White Background



This preview shows how the Hex color E1CA93 looks on a white background.

## Color Contrast Check

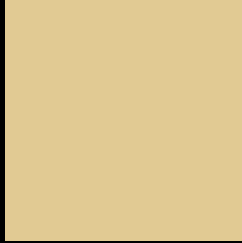
Large Text (above 18pt) WCAG AA × Fail

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 E1CA93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

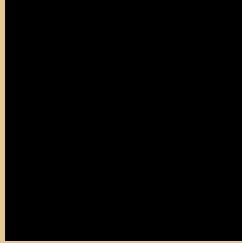
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1CA93 Background



This preview shows how black text looks on a background with the Hex color E1CA93.

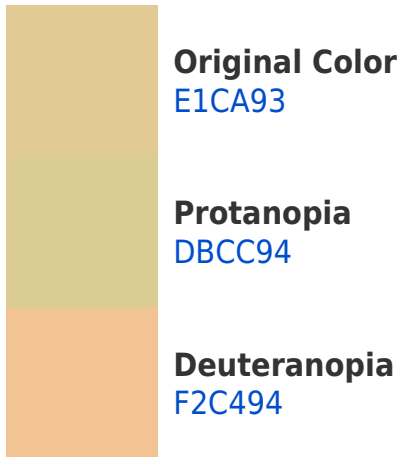


This preview shows how white text looks on a background with the Hex color E1CA93.

# 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](#).

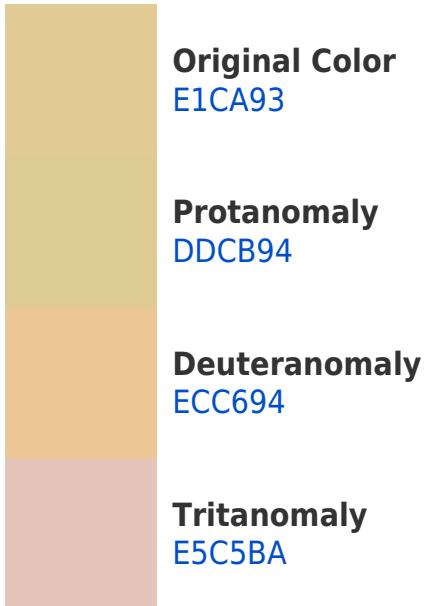
## Dichromacy





**Tritanopia**  
E8C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1CA93 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 #E1CA93 looks like.

```
.text, #text, p{  
    color:#E1CA93  
}
```

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 #E1CA93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1CA93
}
```

## Border

The CSS property to change the border of an element to Hex E1CA93 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
#E1CA93 }
```

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

```
.border{ border-color:#E1CA93 }
```

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

Here you see how a box with a 4 pixel #E1CA93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1CA93; -webkit-box-shadow:4px 4px  
4px 4px #E1CA93; box-shadow:4px 4px 4px  
4px #E1CA93 }
```

# Background

The CSS property to change the background color of an element to Hex E1CA93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1CA93 }
```

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

```
.background{ background-color:#E1CA93 }
```

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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