

# Converting Colors

Hex(E3CA92)

Have a look what the booklet for  
Hex(E3CA92) contains.

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# **Color**

**Hex(E3CA92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3CA92
RGB	227, 202, 146
RGB Percent	89%, 79%, 57%
CMY	0.1098, 0.2078, 0.4275
CMYK	0.00, 0.11, 0.36, 0.11
HSL	41°, 59%, 73%
HSV	41°, 36%, 89%
XYZ	57.9874, 60.6473, 35.8440
YIQ	203.0910, 32.8760, -12.1160

# Conversions

## Conversions Part 2

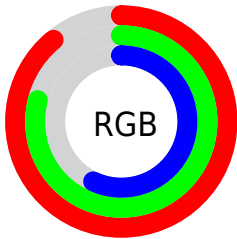
Format	Color
R <sub>Y</sub> B	182, 227, 146
Decimal	14928530
CIE Lab	82.19, 0.84, 31.19
CIE LCh	82, 31.206, 88.457
Yxy	60.6473, 0.3754, 0.3926
Android (android.graphics.Color)	4293118610 (0xFFE3CA92)
YUV	203.0910, -28.1459, 20.9682
Hunter-Lab	77.8764, -3.3710, 27.2242

# Details

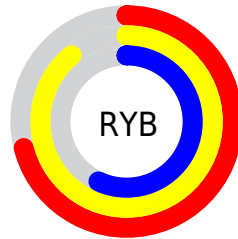
The Hex color **E3CA92** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **92ABE3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFC8**, and **AA945F** is the 20% darker color. If you saturate the color by 10%, you get **E3C37B**, and if you desaturate by 10%, it is **E3D1A9**.

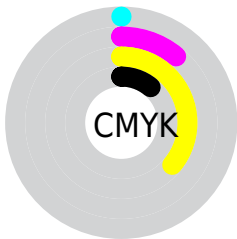
# Distribution



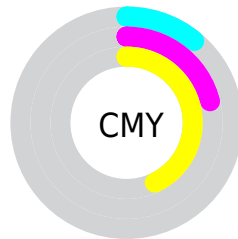
- Red (89%)
- Green (79%)
- Blue (57%)



- Red (71%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (36%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3CA92 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 E3CA92 by changing the saturation by 10% instead.



 E3CA92

 E3CA92

FFFFFF

 C6AF78

 FFFFC8

 AA945F

 FFFF E5

 8F7A46

 74622F

 5B4A18

 423400

 2A1F00

 0E0700

 000000

 E3CA92

 E3CA92

 E3C37B

 E3D1A9

 E3BC65

 E3D8BF

 E3B54E

 E3DFD6

 E3AE37

 E3E6ED

 E3A721

 E3EDFF

 E3A00A

 E3F4FF

 E39D00

 E3FBFF

 E3FFFF

# Harmonies

## Analogous

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



FBC09C



E3CA92



C4D398

# Triad

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



E3CA92



73DCE7



F1BCEC

# Complementary

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



E3CA92



92ABE3

# 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.



CFC5FF



E3CA92



81D8FD

# Square

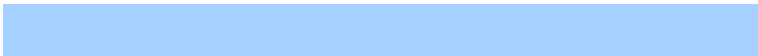
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3CA92



83DDCA



A5D0FF



FFB7CF

# Rectangle

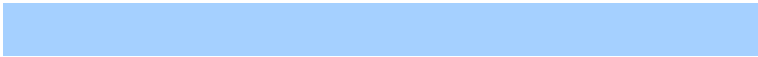
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3CA92



ADD8A5



A5D0FF



E7BFF4

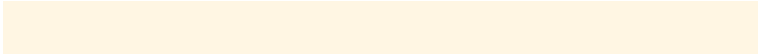


# Sweetspot

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



E3CA92



FFF6E3



E392AC



807A6F



000000



808080



# Same Dimension

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



E3CA92



FFDD91



D4E392



736F67



B37B00



332300



# Inverse Universe

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



92ABE3



91B3FF



A192E3



676B73



0037B3

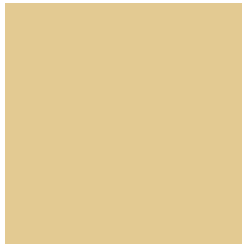


001033



# Previews

## White Background



This preview shows how the Hex color E3CA92 looks on a white background.

## Color Contrast Check

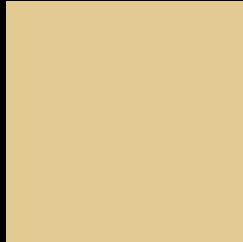
Large Text (above 18pt) WCAG AA × Fail

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 E3CA92 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 E3CA92 Background



This preview shows how black text looks on a background with the Hex color E3CA92.

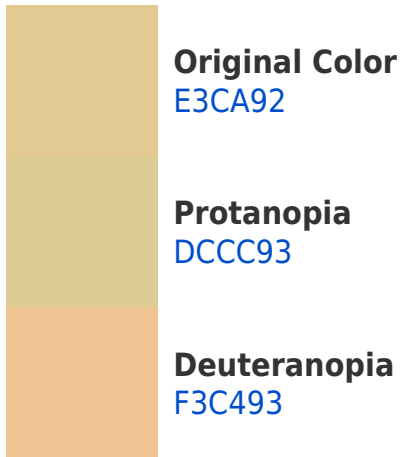


This preview shows how white text looks on a background with the Hex color E3CA92.

# 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](#).

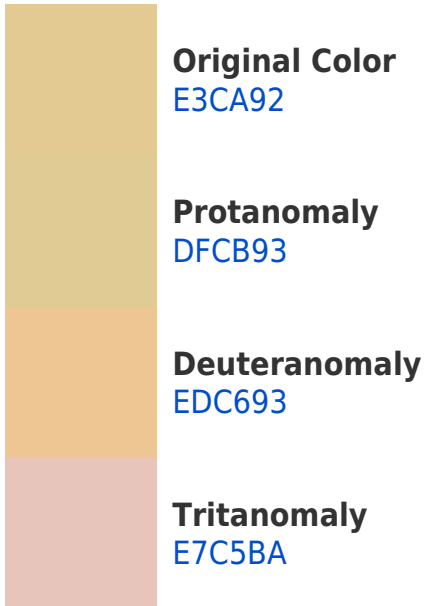
## Dichromacy





**Tritanopia**  
EAC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3CA92 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 #E3CA92 looks like.

```
.text, #text, p{  
    color:#E3CA92  
}
```

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 #E3CA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3CA92
}
```

## Border

The CSS property to change the border of an element to Hex E3CA92 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
#E3CA92 }
```

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

```
.border{ border-color:#E3CA92 }
```

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

Here you see how a box with a 4 pixel #E3CA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3CA92; -webkit-box-shadow:4px 4px  
4px 4px #E3CA92; box-shadow:4px 4px 4px  
4px #E3CA92 }
```

# Background

The CSS property to change the background color of an element to Hex E3CA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3CA92 }
```

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

```
.background{ background-color:#E3CA92 }
```

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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