

Converting Colors

Hex(E6CA96)

Have a look what the booklet for
Hex(E6CA96) contains.

Hex(E6CA96)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E6CA96)

Conversions

Conversions Part 1

Format	Color
Hex	E6CA96
RGB	230, 202, 150
RGB Percent	90%, 79%, 59%
CMY	0.0980, 0.2078, 0.4118
CMYK	0.00, 0.12, 0.35, 0.10
HSL	39°, 62%, 75%
HSV	39°, 35%, 90%
XYZ	59.2587, 61.2661, 37.5564
YIQ	204.4440, 33.3800, -10.2360

Conversions

Conversions Part 2

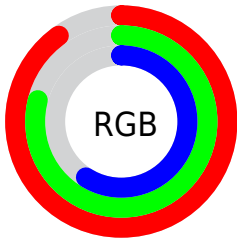
Format	Color
RYB	193, 230, 150
Decimal	15125142
CIELab	82.52, 2.48, 29.60
CIElCh	83, 29.707, 85.207
Yxy	61.2661, 0.3749, 0.3876
Android (android.graphics.Color)	4293315222 (0xFFE6CA96)
YUV	204.4440, -26.8409, 22.4126
Hunter-Lab	78.2726, -1.8383, 26.3426

Details

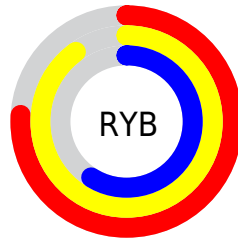
The Hex color **E6CA96** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **96B2E6**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFCD**, and **AD9463** is the 20% darker color. If you saturate the color by 10%, you get **E6C27F**, and if you desaturate by 10%, it is **E6D2AD**.

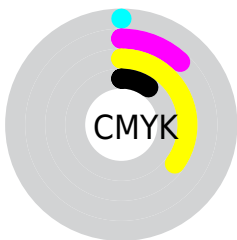
Distribution



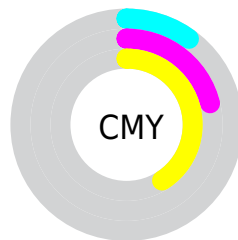
- Red (90%)
- Green (79%)
- Blue (59%)



- Red (76%)
- Yellow (90%)
- Blue (59%)



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



- Cyan (10%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6CA96 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 E6CA96 by changing the saturation by 10% instead.

 E6CA96

 E6CA96

FFFFFF

 C9AF7C

 FFFFCF

 AD9463

 FFFFEE

 927A4A

 776233

 5D4A1C

 443305

 2D1F00

 120700

 000000

 E6CA96

 E6CA96

 E6C27F

 E6D2AD

 E6BA68

 E6DAC4

 E6B251

 E6E2DB

 E6AA3A

 E6EAF2

 E6A223

 E6F2FF

 E69A0C

 E6FAFF

 E69500

 E6FFFF

Harmonies

Analogous

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



FCC1A1



E6CA96



C9D39A

Triad

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



E6CA96



7BDDE4



EDBFEE

Complementary

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



E6CA96



96B2E6

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.



CCC8FF



E6CA96



84D9FA

Square

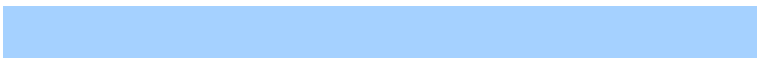
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6CA96



8BDDC8



A5D1FF



FFB9D3

Rectangle

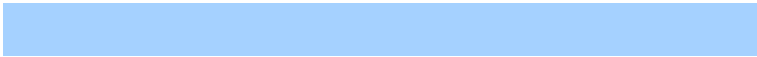
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6CA96



B4D8A5



A5D1FF



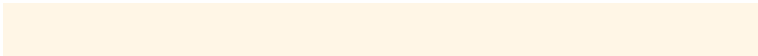
E3C1F5

Sweetspot

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



E6CA96



FFF6E6



E696B2



807A70



000000



808080

Same Dimension

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



E6CA96



FFDA94



DBE696



736F67



B37400



332100

Inverse Universe

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



96B2E6



94B9FF



A296E6



676B73



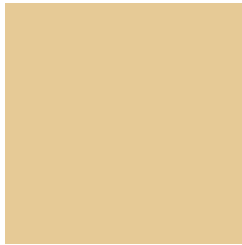
003EB3



001233

Previews

White Background



This preview shows how the Hex color E6CA96 looks on a white background.

Color Contrast Check

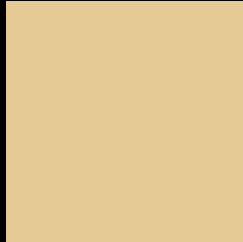
Large Text (above 18pt) WCAG AA × Fail

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 E6CA96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

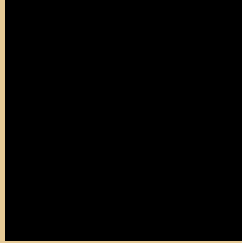
Any Text WCAG AA ✓ Pass

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 E6CA96 Background



This preview shows how black text looks on a background with the Hex color E6CA96.

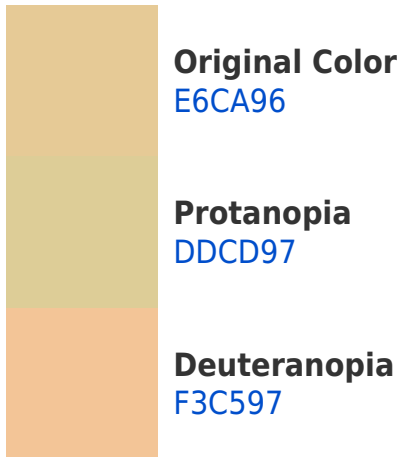


This preview shows how white text looks on a background with the Hex color E6CA96.

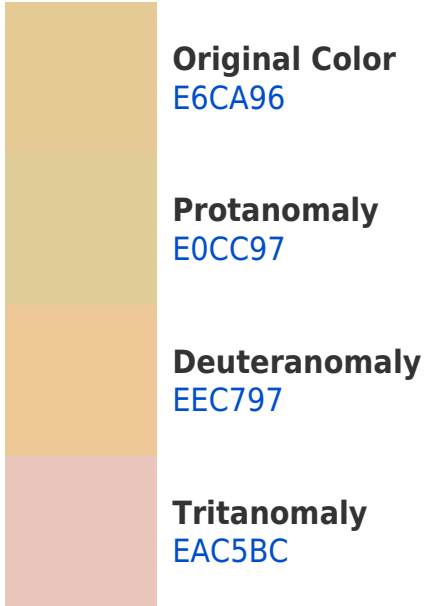
Color Blindness Simulation

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](#).

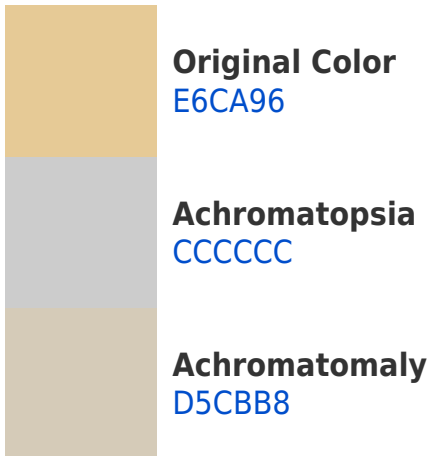
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6CA96 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 #E6CA96 looks like.

```
.text, #text, p{  
    color:#E6CA96  
}
```

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 #E6CA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CA96  
}
```

Border

The CSS property to change the border of an element to Hex E6CA96 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  
#E6CA96 }
```

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

```
.border{ border-color:#E6CA96 }
```

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

Here you see how a box with a 4 pixel #E6CA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CA96; -webkit-box-shadow:4px 4px  
4px 4px #E6CA96; box-shadow:4px 4px 4px  
4px #E6CA96 }
```

Background

The CSS property to change the background color of an element to Hex E6CA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CA96 }
```

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

```
.background{ background-color:#E6CA96 }
```

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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