

# Converting Colors

Hex(E2C085)

Have a look what the booklet for  
Hex(E2C085) contains.

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# **Color**

**Hex(E2C085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C085
RGB	226, 192, 133
RGB Percent	89%, 75%, 52%
CMY	0.1137, 0.2471, 0.4784
CMYK	0.00, 0.15, 0.41, 0.11
HSL	38°, 62%, 70%
HSV	38°, 41%, 89%
XYZ	54.4473, 55.5615, 30.0451
YIQ	195.4400, 39.2030, -11.1410

# Conversions

## Conversions Part 2

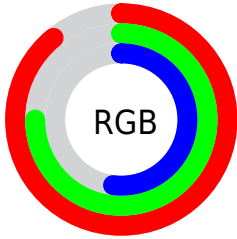
Format	Color
<a href="#">RYB</a>	<a href="#">187, 226, 133</a>
Decimal	<a href="#">14860421</a>
CIELab	<a href="#">79.36, 4.21, 34.21</a>
CIELCh	<a href="#">79, 34.471, 82.991</a>
Yxy	<a href="#">55.5615, 0.3888, 0.3967</a>
Android (android.graphics.Color)	<a href="#">4293050501 (0xFFE2C085)</a>
YUV	<a href="#">195.4400, -30.7829, 26.8011</a>
Hunter-Lab	<a href="#">74.5396, -0.0592, 28.2794</a>

# Details

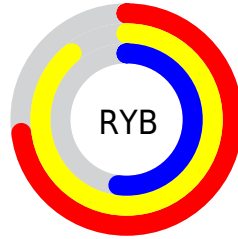
The Hex color **E2C085** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85A7E2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFF8BB**, and **A98B52** is the 20% darker color. If you saturate the color by 10%, you get **E2B86E**, and if you desaturate by 10%, it is **E2C89C**.

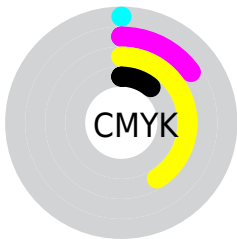
# Distribution



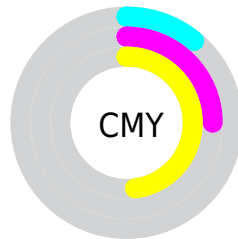
- Red (89%)
- Green (75%)
- Blue (52%)



- Red (73%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2C085 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 E2C085 by changing the saturation by 10% instead.



 E2C085

 E2C085

FFFFFF

 C5A56B

 FFF8BB

 A98B52

 FFFFD7

 8D713A

 FFFFF3

 735923

 58420B

 402C00

 271700

 040000

 000000

 E2C085

 E2C085

 E2B86E

 E2C89C

 E2AF58

 E2D1B2

 E2A741

 E2D9C9

 E29F2B

 E2E1DF

 E29714

 E2E9F6

 E28F00

 E2F2FF

 E2FAFF

 E2FFFF

# Harmonies

## Analogous

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



FAB593



E2C085



C1CA89

# Triad

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



E2C085



5DD6DD



E6B4EC

# Complementary

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



E2C085



85A7E2

# 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.



BFBFFF



E2C085



65D2F7

# Square

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



E2C085



77D6BC



8FCAFF



FFADCD

# Rectangle

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



E2C085



A9D095



8FCAFF



DBB7F4

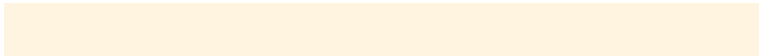


# Sweetspot

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



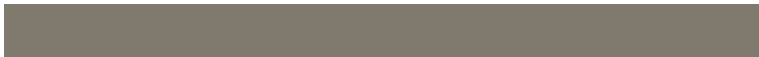
E2C085



FFF4E0



E285A7



80796E



000000



808080



# Same Dimension

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



E2C085



FFD182



D6E285



706C65



B07000



301F00



# Inverse Universe

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



85A7E2



82B0FF



9185E2



656970



0040B0



001230



# Previews

## White Background



This preview shows how the Hex color E2C085 looks on a white background.

## Color Contrast Check

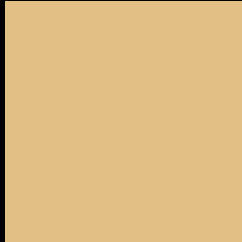
Large Text (above 18pt) WCAG AA × Fail

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 E2C085 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 E2C085 Background



This preview shows how black text looks on a background with the Hex color E2C085.

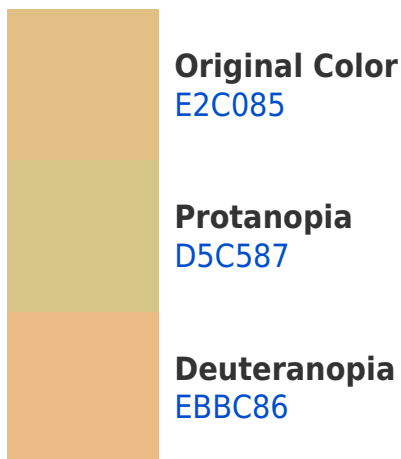


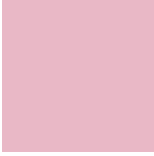
This preview shows how white text looks on a background with the Hex color E2C085.

# 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](#).

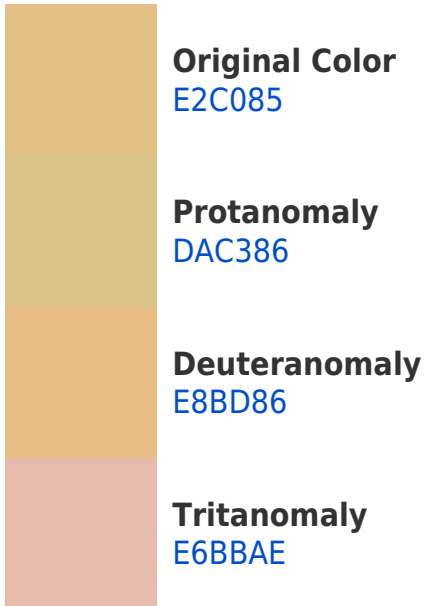
## Dichromacy



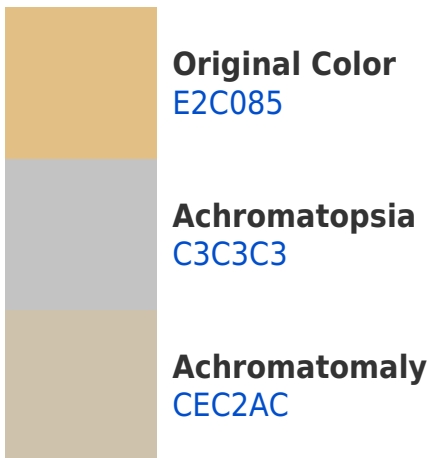


**Tritanopia**  
E9B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2C085 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 #E2C085 looks like.

```
.text, #text, p{  
    color:#E2C085  
}
```

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 #E2C085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2C085
}
```

## Border

The CSS property to change the border of an element to Hex E2C085 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
#E2C085 }
```

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

```
.border{ border-color:#E2C085 }
```

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

Here you see how a box with a 4 pixel #E2C085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2C085; -webkit-box-shadow:4px 4px  
4px 4px #E2C085; box-shadow:4px 4px 4px  
4px #E2C085 }
```

# Background

The CSS property to change the background color of an element to Hex E2C085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2C085 }
```

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

```
.background{ background-color:#E2C085 }
```

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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