

# Converting Colors

Hex(E3C189)

Have a look what the booklet for  
Hex(E3C189) contains.

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# **Color**

**Hex(E3C189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C189
RGB	227, 193, 137
RGB Percent	89%, 76%, 54%
CMY	0.1098, 0.2431, 0.4627
CMYK	0.00, 0.15, 0.40, 0.11
HSL	37°, 62%, 71%
HSV	37°, 40%, 89%
XYZ	55.2639, 56.2770, 31.6167
YIQ	196.7820, 38.2400, -10.2080

# Conversions

## Conversions Part 2

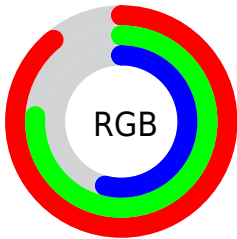
Format	Color
<a href="#">RYB</a>	<a href="#">192, 227, 137</a>
Decimal	<a href="#">14926217</a>
CIELab	<a href="#">79.77, 4.51, 32.68</a>
CIELCh	<a href="#">80, 32.994, 82.135</a>
Yxy	<a href="#">56.2770, 0.3860, 0.3931</a>
Android (android.graphics.Color)	<a href="#">4293116297 (0xFFE3C189)</a>
YUV	<a href="#">196.7820, -29.4725, 26.5012</a>
Hunter-Lab	<a href="#">75.0180, 0.2151, 27.5245</a>

# Details

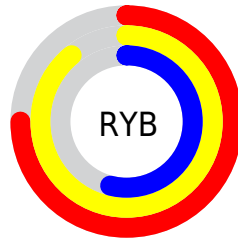
The Hex color **E3C189** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **89ABE3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF9BF**, and **AA8C56** is the 20% darker color. If you saturate the color by 10%, you get **E3B872**, and if you desaturate by 10%, it is **E3CAA0**.

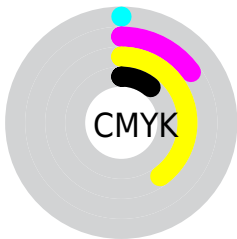
# Distribution



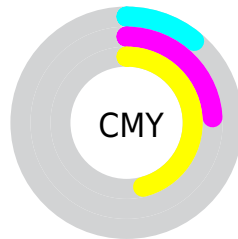
- Red (89%)
- Green (76%)
- Blue (54%)



- Red (75%)
- Yellow (89%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C189 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 E3C189 by changing the saturation by 10% instead.



 E3C189

 E3C189

FFFFFF

 C6A66F

 FFF9BF

 AA8C56

 FFFFDB

 8F723E

 FFFFF8

 745A27

 5A4210

 412C00

 281800

 090000

 000000

 E3C189

 E3C189

 E3B872

 E3CAA0

 E3B05C

 E3D2B6

 E3A745

 E3DBCD

 E39F2E

 E3E3E4

 E39618

 E3ECFB

 E38E01

 E3F4FF

 E38D00

 E3FDFF

 E3FFFF

# Harmonies

## Analogous

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



FAB796



E3C189



C4CB8C

# Triad

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



E3C189



65D6DC



E5B6EC

# Complementary

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



E3C189



89ABE3

# 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.



BFC1FF



E3C189



6CD3F5

# Square

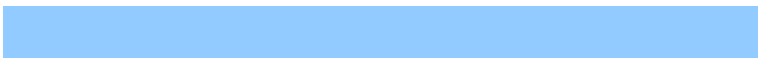
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3C189



7ED6BC



92CBFF



FDB0CF

# Rectangle

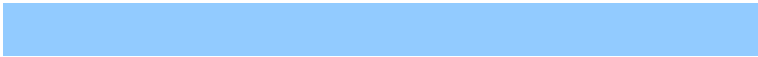
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3C189



ADD097



92CBFF



DAB9F3



# Sweetspot

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



E3C189



FFF3E0



E389AB



80796E



000000



808080



# Same Dimension

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



E3C189



FFD185



D8E389



736E67



B36F00



332000

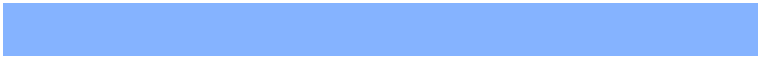


# Inverse Universe

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



89ABE3



85B3FF



9489E3



676C73



0043B3

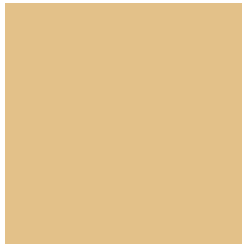


001333



# Previews

## White Background



This preview shows how the Hex color E3C189 looks on a white background.

## Color Contrast Check

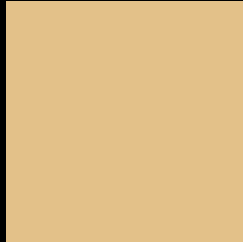
Large Text (above 18pt) WCAG AA × Fail

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 E3C189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

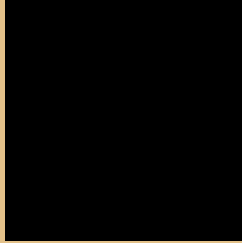
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3C189 Background



This preview shows how black text looks on a background with the Hex color E3C189.

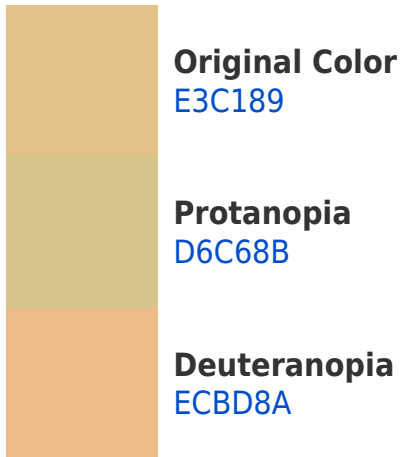


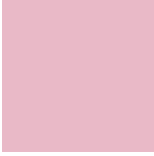
This preview shows how white text looks on a background with the Hex color E3C189.

# 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



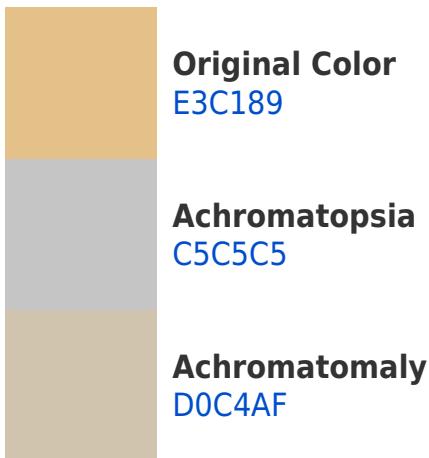


**Tritanopia**  
E9B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C189 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 #E3C189 looks like.

```
.text, #text, p{  
    color:#E3C189  
}
```

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 #E3C189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C189
}
```

## Border

The CSS property to change the border of an element to Hex E3C189 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
#E3C189 }
```

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

```
.border{ border-color:#E3C189 }
```

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

Here you see how a box with a 4 pixel #E3C189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C189; -webkit-box-shadow:4px 4px  
4px 4px #E3C189; box-shadow:4px 4px 4px  
4px #E3C189 }
```

# Background

The CSS property to change the background color of an element to Hex E3C189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C189 }
```

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

```
.background{ background-color:#E3C189 }
```

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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