

Converting Colors

Hex(E3AA85)

Have a look what the booklet for
Hex(E3AA85) contains.

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Color

Hex(E3AA85)

Conversions

Conversions Part 1

Format	Color
Hex	E3AA85
RGB	227, 170, 133
RGB Percent	89%, 67%, 52%
CMY	0.1098, 0.3333, 0.4784
CMYK	0.00, 0.25, 0.41, 0.11
HSL	24°, 63%, 71%
HSV	24°, 41%, 89%
XYZ	50.2869, 46.7738, 28.5681
YIQ	182.8250, 45.8490, 0.5770

Conversions

Conversions Part 2

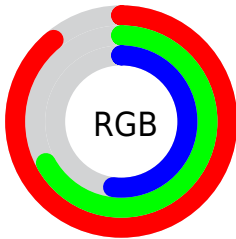
Format	Color
R _Y B	227, 194, 133
Decimal	14920325
CIE Lab	74.04, 16.27, 27.21
CIE LCh	74, 31.707, 59.120
Yxy	46.7738, 0.4003, 0.3723
Android (android.graphics.Color)	4293110405 (0xFFE3AA85)
YUV	182.8250, -24.5637, 38.7415
Hunter-Lab	68.3914, 11.5629, 23.1076

Details

The Hex color **E3AA85** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **85BEE3**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE1BA**, and **AA7653** is the 20% darker color. If you saturate the color by 10%, you get **E39C6E**, and if you desaturate by 10%, it is **E3B89C**.

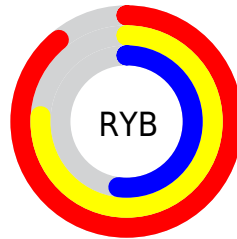
Distribution



Red (89%)

Green (67%)

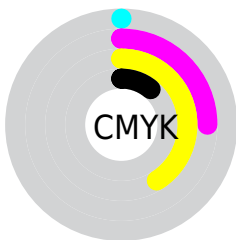
Blue (52%)



Red (89%)

Yellow (76%)

Blue (52%)

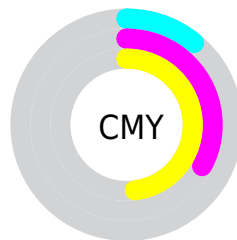


Cyan (0%)

Magenta (25%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3AA85 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 E3AA85 by changing the saturation by 10% instead.

 E3AA85

 E3AA85

FFFFFF

 C68F6C

 FFE1BA

 AA7653

 FFFED6

 8E5D3C

 FFFFF3

 734525

 582F10

 3F1900

 260100

 000000

 E3AA85

 E3AA85

 E39C6E

 E3B89C

 E38E58

 E3C6B2

 E38141

 E3D3C9

 E3732A

 E3E1E0

 E36513

 E3EFF7

 E35900

 E3FDFF

 E3FFFF

Harmonies

Analogous

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



EFA29B



E3AA85



CBB47C

Triad

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



E3AA85



6AC6B4



B9AFE9

Complementary

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



E3AA85



85BEE3

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.



8FB9F0



E3AA85



58C5D1

Square

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



E3AA85



8BC397



67C1E7



DAA5D4

Rectangle

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



E3AA85



B7BA7E



67C1E7



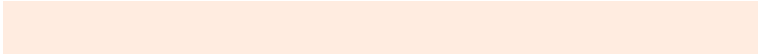
ABB2ED

Sweetspot

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



E3AA85



FFECE0



E385BF



80756E



000000



808080

Same Dimension

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



E3AA85



FFB280



E3D885



736C67



B34600



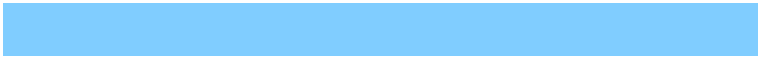
331400

Inverse Universe

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



85BEE3



80CDFE



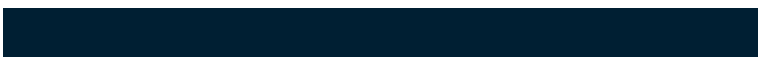
8590E3



676E73



006CB3



001F33

Previews

White Background



This preview shows how the Hex color E3AA85 looks on a white background.

Color Contrast Check

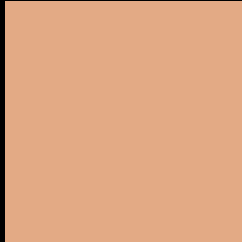
Large Text (above 18pt) WCAG AA × Fail

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 E3AA85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

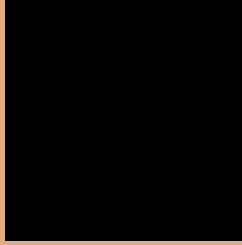
Any Text WCAG AA ✓ Pass

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 E3AA85 Background



This preview shows how black text looks on a background with the Hex color E3AA85.

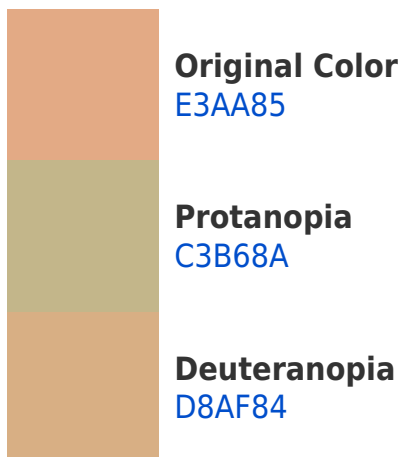


This preview shows how white text looks on a background with the Hex color E3AA85.

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](#).

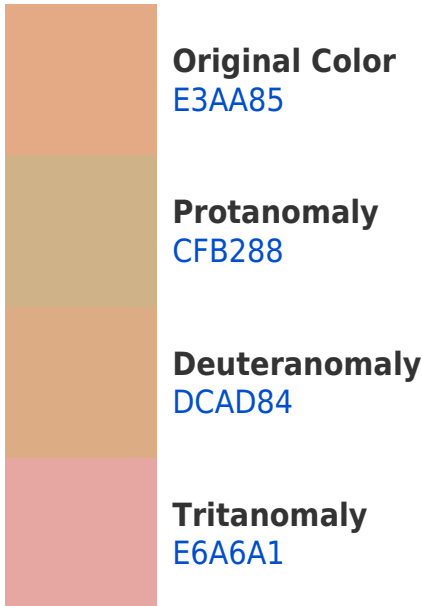
Dichromacy



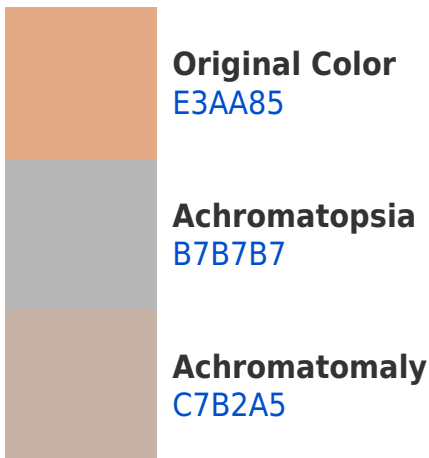


Tritanopia
E7A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3AA85 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 #E3AA85 looks like.

```
.text, #text, p{  
    color:#E3AA85  
}
```

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 #E3AA85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3AA85
}
```

Border

The CSS property to change the border of an element to Hex E3AA85 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
#E3AA85 }
```

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

```
.border{ border-color:#E3AA85 }
```

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

Here you see how a box with a 4 pixel #E3AA85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3AA85; -webkit-box-shadow:4px 4px  
4px 4px #E3AA85; box-shadow:4px 4px 4px  
4px #E3AA85 }
```

Background

The CSS property to change the background color of an element to Hex E3AA85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3AA85 }
```

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

```
.background{ background-color:#E3AA85 }
```

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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