

Converting Colors

Hex(E2AE77)

Have a look what the booklet for
Hex(E2AE77) contains.

| | |
|--|----|
| Hex(E2AE77) | 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(E2AE77)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2AE77 |
| RGB | 226, 174, 119 |
| RGB Percent | 89%, 68%, 47% |
| CMY | 0.1137, 0.3176, 0.5333 |
| CMYK | 0.00, 0.23, 0.47, 0.11 |
| HSL | 31°, 65%, 68% |
| HSV | 31°, 47%, 89% |
| XYZ | 49.8299, 47.7728, 24.0475 |
| YIQ | 183.2780, 48.6470, -6.0810 |

Conversions

Conversions Part 2

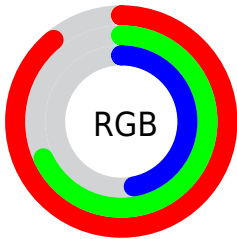
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 220, 226, 119 |
| Decimal | 14855799 |
| CIE _{Lab} | 74.68, 12.30, 35.45 |
| CIE _{LCh} | 75, 37.528, 70.866 |
| Yxy | 47.7728, 0.4096, 0.3927 |
| Android (android.graphics.Color) | 4293045879 (0xFFE2AE77) |
| YUV | 183.2780, -31.6891, 37.4672 |
| Hunter-Lab | 69.1178, 7.7317, 27.7543 |

Details

The Hex color **E2AE77** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77ABE2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE5AC**, and **A87A45** is the 20% darker color. If you saturate the color by 10%, you get **E2A360**, and if you desaturate by 10%, it is **E2B98E**.

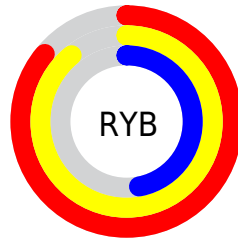
Distribution



Red (89%)

Green (68%)

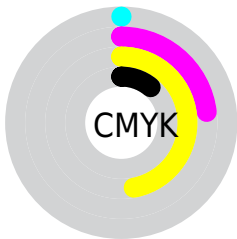
Blue (47%)



Red (86%)

Yellow (89%)

Blue (47%)

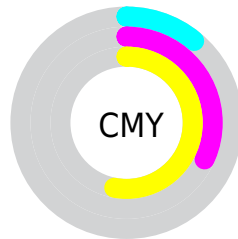


Cyan (0%)

Magenta (23%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2AE77 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 E2AE77 by changing the saturation by 10% instead.

 E2AE77

 E2AE77

FFFFFF

 C5935E

 FFE5AC

 A87A45

 FFFFC7

 8C612E

 FFFFE4

 714917

 563200

 3D1D00

 240700

 000000

 E2AE77

 E2AE77

 E2A360

 E2B98E

 E2984A

 E2C4A4

 E28D33

 E2CFBB

 E2821D

 E2DAD1

 E27706

 E2E5E8

 E27400

 E2F0FF

 E2FBFF

 E2FFFF

Harmonies

Analogous

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



F7A38C



E2AE77



C3BA73

Triad

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



E2AE77



47CBC4



CCAEC

Complementary

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



E2AE77



77ABE2

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.



9BB7FB



E2AE77



36C8E4

Square

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



E2AE77



72C9A0



63C1F8



EDA0CF

Rectangle

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



E2AE77



AAC07B



63C1F8



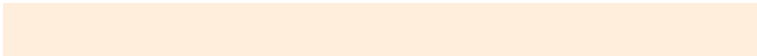
BDAEF3

Sweetspot

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



E2AE77



FFEEDB



E277AD



80756A



000000



808080

Same Dimension

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



E2AE77



FFB86E



E2E277



706B65



B05A00



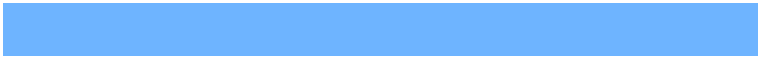
301900

Inverse Universe

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



77ABE2



6EB4FF



7777E2



656A70



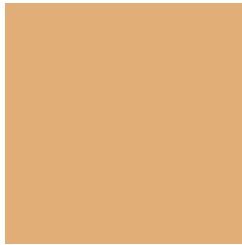
0056B0



001830

Previews

White Background



This preview shows how the Hex color E2AE77 looks on a white background.

Color Contrast Check

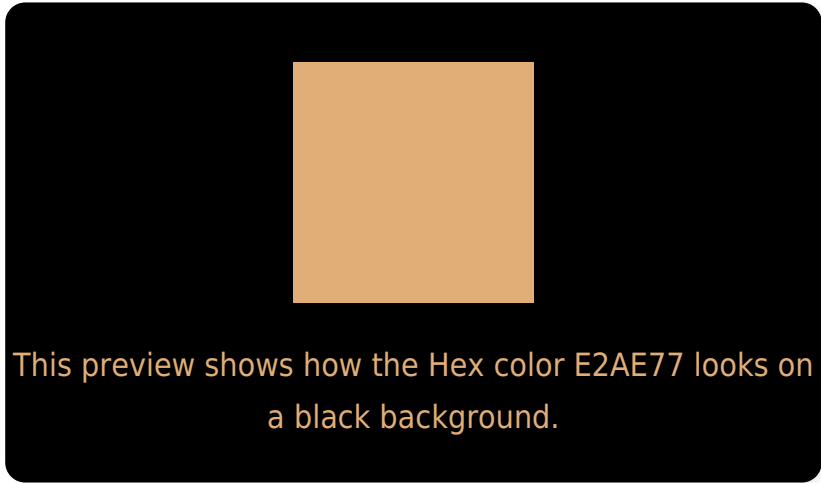
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

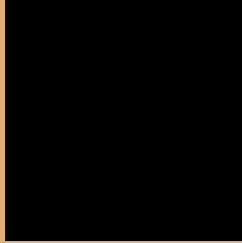
Any Text WCAG AA ✓ Pass

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 E2AE77 Background



This preview shows how black text looks on a background with the Hex color E2AE77.



This preview shows how white text looks on a background with the Hex color E2AE77.

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](#).

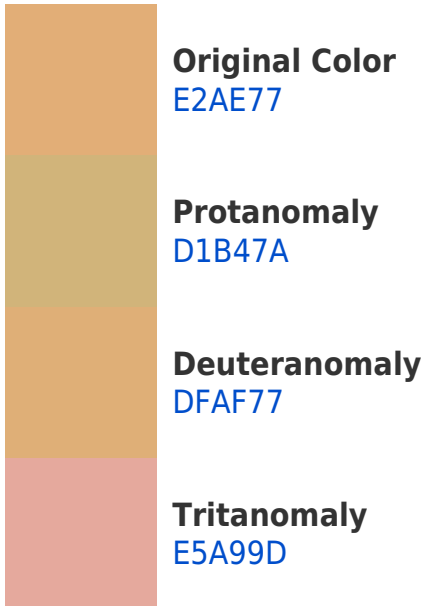
Dichromacy





Tritanopia
E7A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2AE77 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 #E2AE77 looks like.

```
.text, #text, p{  
    color:#E2AE77  
}
```

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 #E2AE77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2AE77  
}
```

Border

The CSS property to change the border of an element to Hex E2AE77 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  
#E2AE77 }
```

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

```
.border{ border-color:#E2AE77 }
```

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

Here you see how a box with a 4 pixel #E2AE77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2AE77; -webkit-box-shadow:4px 4px  
4px 4px #E2AE77; box-shadow:4px 4px 4px  
4px #E2AE77 }
```

Background

The CSS property to change the background color of an element to Hex E2AE77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2AE77 }
```

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

```
.background{ background-color:#E2AE77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor