

# Converting Colors

Hex(E2AA90)

Have a look what the booklet for  
Hex(E2AA90) contains.

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**Color**

**Hex(E2AA90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2AA90
RGB	226, 170, 144
RGB Percent	89%, 67%, 56%
CMY	0.1137, 0.3333, 0.4353
CMYK	0.00, 0.25, 0.36, 0.11
HSL	19°, 59%, 73%
HSV	19°, 36%, 89%
XYZ	50.7728, 46.9318, 32.7683
YIQ	183.7800, 41.7220, 3.7860

# Conversions

## Conversions Part 2

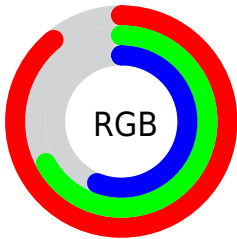
Format	Color
R <sub>Y</sub> B	226, 182, 144
Decimal	14854800
CIE Lab	74.15, 17.14, 21.40
CIE LCh	74, 27.412, 51.311
Yxy	46.9318, 0.3891, 0.3597
Android (android.graphics.Color)	4293044880 (0xFFE2AA90)
YUV	183.7800, -19.6115, 37.0269
Hunter-Lab	68.5068, 12.4057, 19.5951

# Details

The Hex color **E2AA90** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **90C8E2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE1C6**, and **A9765D** is the 20% darker color. If you saturate the color by 10%, you get **E29B79**, and if you desaturate by 10%, it is **E2B9A7**.

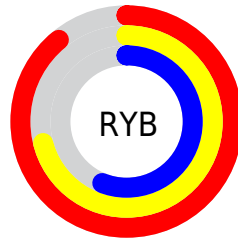
# Distribution



Red (89%)

Green (67%)

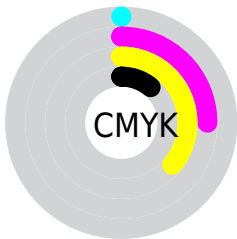
Blue (56%)



Red (89%)

Yellow (71%)

Blue (56%)

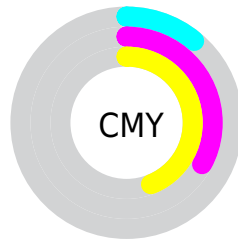


Cyan (0%)

Magenta (25%)

Yellow (36%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2AA90 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 E2AA90 by changing the saturation by 10% instead.



 E2AA90

 E2AA90

FFFFFF

 C58F76

 FFE1C6

 A9765D

 FFFEE2

 8D5D46

 73452F

 582E1A

 3F1900

 270100

 000000

 E2AA90

 E2AA90

 E29B79

 E2B9A7

 E28B63

 E2C9BD

 E27C4C

 E2D8D4

 E26C36

 E2E8EA

 E25D1F

 E2F7FF

 E24D08

 E2FFFF

 E24800

# Harmonies

## Analogous

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



EAA5A5



E2AA90



D0B285

# Triad

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



E2AA90



7EC4AE



B0B2E5

# Complementary

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



E2AA90



90C8E2

# 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.



8DBBE8



E2AA90



6CC4C8

# Square

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



E2AA90



99C196



71C1DD



D0AAD6

# Rectangle

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



E2AA90



BFB885



71C1DD



A5B5E7

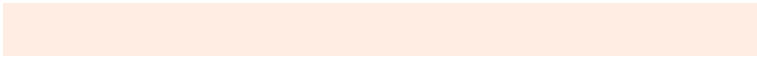


# Sweetspot

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



E2AA90



FFECE3



E290C8



80746F



000000



808080



# Same Dimension

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



E2AA90



FFB28F



E2D390



706965



B03800



300F00

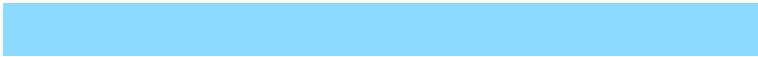


# Inverse Universe

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



90C8E2



8FDBFF



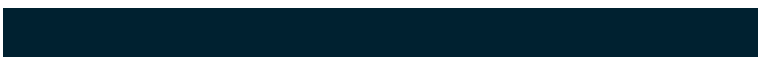
909FE2



656D70



0078B0



002130



# Previews

## White Background



This preview shows how the Hex color E2AA90 looks on a white background.

## Color Contrast Check

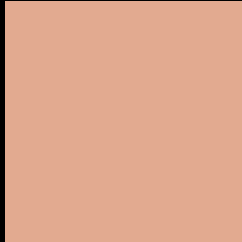
Large Text (above 18pt) WCAG AA × Fail

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 E2AA90 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

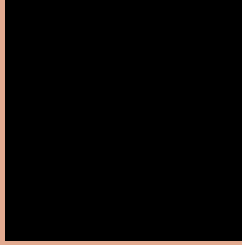
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2AA90 Background



This preview shows how black text looks on a background with the Hex color E2AA90.

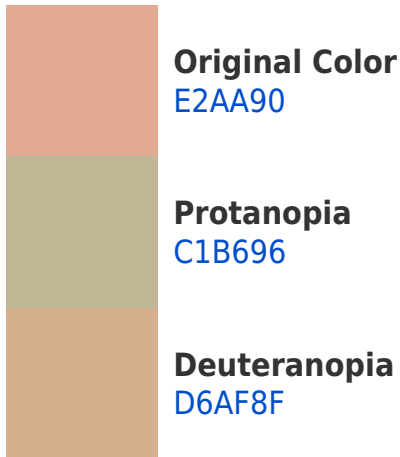


This preview shows how white text looks on a background with the Hex color E2AA90.

# 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](#).

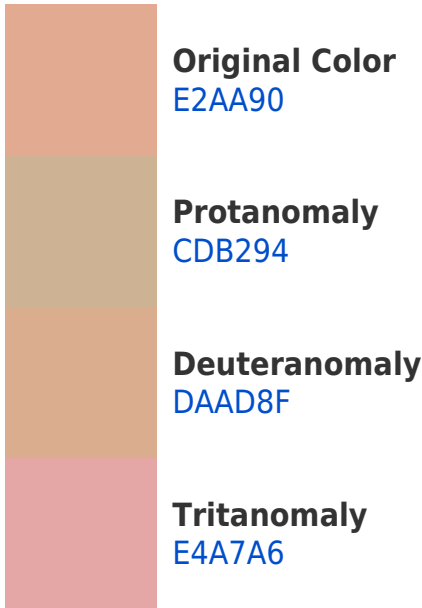
## Dichromacy





**Tritanopia**  
E5A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2AA90 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 #E2AA90 looks like.

```
.text, #text, p{  
    color:#E2AA90  
}
```

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 #E2AA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2AA90
}
```

## Border

The CSS property to change the border of an element to Hex E2AA90 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
#E2AA90 }
```

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

```
.border{ border-color:#E2AA90 }
```

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

Here you see how a box with a 4 pixel #E2AA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2AA90; -webkit-box-shadow:4px 4px  
4px 4px #E2AA90; box-shadow:4px 4px 4px  
4px #E2AA90 }
```

# Background

The CSS property to change the background color of an element to Hex E2AA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2AA90 }
```

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

```
.background{ background-color:#E2AA90 }
```

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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