

# Converting Colors

Hex(E2A682)

Have a look what the booklet for  
Hex(E2A682) contains.

<b>Hex(E2A682)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2A682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2A682
RGB	226, 166, 130
RGB Percent	89%, 65%, 51%
CMY	0.1137, 0.3490, 0.4902
CMYK	0.00, 0.27, 0.42, 0.11
HSL	23°, 62%, 70%
HSV	23°, 42%, 89%
XYZ	49.0295, 45.0529, 27.2310
YIQ	179.8360, 47.3160, 1.5240

# Conversions

## Conversions Part 2

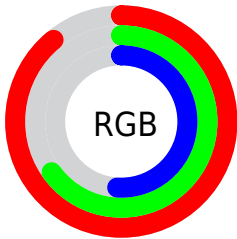
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 188, 130
Decimal	14853762
CIE Lab	72.93, 17.69, 27.31
CIE LCh	73, 32.544, 57.065
Yxy	45.0529, 0.4042, 0.3714
Android (android.graphics.Color)	4293043842 (0xFFE2A682)
YUV	179.8360, -24.5691, 40.4858
Hunter-Lab	67.1215, 12.9245, 22.9312

# Details

The Hex color **E2A682** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **82BEE2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFDDB7**, and **A87250** is the 20% darker color. If you saturate the color by 10%, you get **E2986B**, and if you desaturate by 10%, it is **E2B499**.

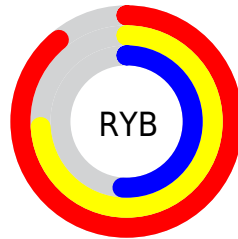
# Distribution



Red (89%)

Green (65%)

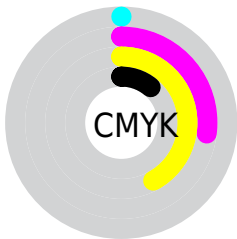
Blue (51%)



Red (89%)

Yellow (74%)

Blue (51%)

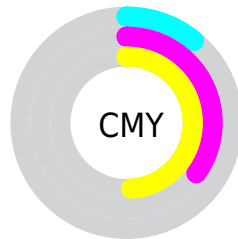


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2A682 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 E2A682 by changing the saturation by 10% instead.



 E2A682

 E2A682

FFFFFF

 C58C69

 FFDBB7

 A87250

 FFFAD3

 8D5939

 FFFFEF

 714223

 572B0D

 3D1600

 260000

 000000

 E2A682

 E2A682

 E2986B

 E2B499

 E28A55

 E2C2AF

 E27C3E

 E2D0C6

 E26E28

 E2DFDC

 E25F11

 E2EDF3

 E25500

 E2FBFF

 E2FFFF

# Harmonies

## Analogous

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



EE9E99



E2A682



CAB077

# Triad

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



E2A682



67C3AF



B3ACE8

# Complementary

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



E2A682



82BEE2

# 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.



87B7EE



E2A682



50C3CD

# Square

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



E2A682



89C092



5EBFE4



D6A2D4

# Rectangle

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



E2A682



B6B779



5EBFE4



A5B0EC



# Sweetspot

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



E2A682



FFEADE



E282BF



80736B



000000



808080



# Same Dimension

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



E2A682



FFAE7D



E2D582



706965



B04200



301200

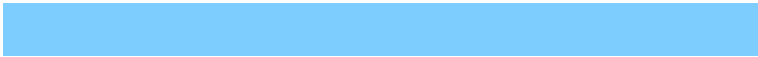


# Inverse Universe

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



82BEE2



7DCEFF



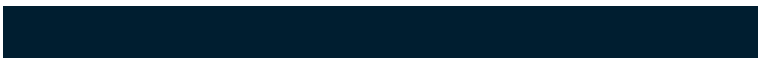
828FE2



656C70



006EB0



001E30



# Previews

## White Background



This preview shows how the Hex color E2A682 looks on a white background.

## Color Contrast Check

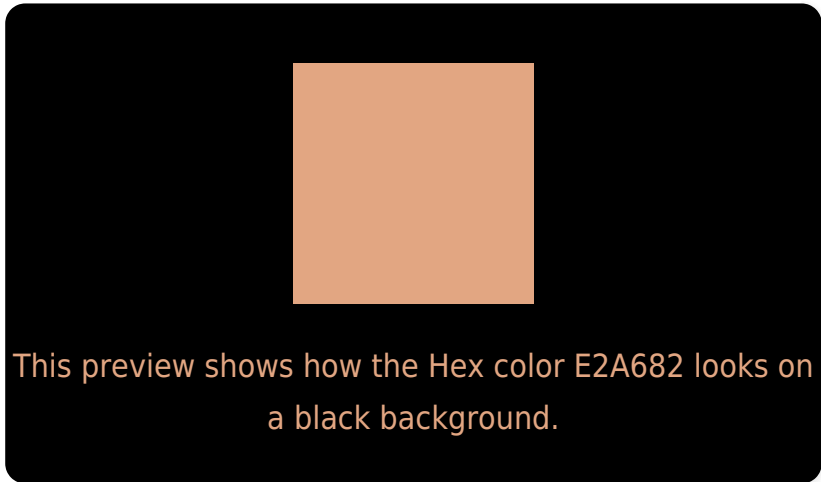
Large Text (above 18pt) WCAG AA × Fail

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

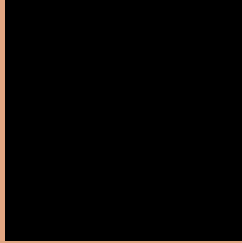
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2A682 Background



This preview shows how black text looks on a background with the Hex color E2A682.

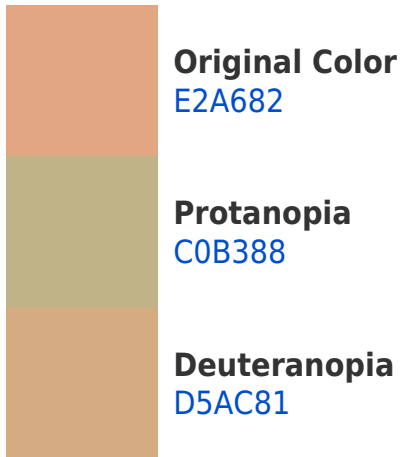


This preview shows how white text looks on a background with the Hex color E2A682.

# 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](#).

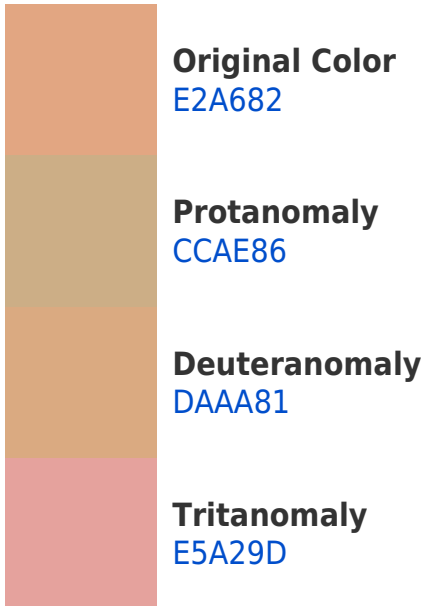
## Dichromacy



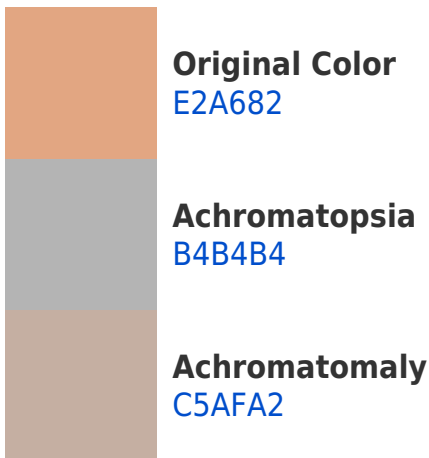


**Tritanopia**  
E6A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2A682 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 #E2A682 looks like.

```
.text, #text, p{  
    color:#E2A682  
}
```

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 #E2A682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2A682
}
```

## Border

The CSS property to change the border of an element to Hex E2A682 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
#E2A682 }
```

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

```
.border{ border-color:#E2A682 }
```

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

Here you see how a box with a 4 pixel #E2A682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2A682; -webkit-box-shadow:4px 4px  
4px 4px #E2A682; box-shadow:4px 4px 4px  
4px #E2A682 }
```

# Background

The CSS property to change the background color of an element to Hex E2A682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2A682 }
```

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

```
.background{ background-color:#E2A682 }
```

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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