

Converting Colors

Hex(E2A993)

Have a look what the booklet for
Hex(E2A993) contains.

Hex(E2A993)	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(E2A993)

Conversions

Conversions Part 1

Format	Color
Hex	E2A993
RGB	226, 169, 147
RGB Percent	89%, 66%, 58%
CMY	0.1137, 0.3373, 0.4235
CMYK	0.00, 0.25, 0.35, 0.11
HSL	17°, 58%, 73%
HSV	17°, 35%, 89%
XYZ	50.8185, 46.6513, 33.9299
YIQ	183.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

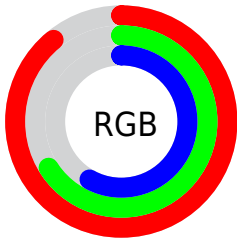
Format	Color
R _Y B	226, 177, 147
Decimal	14854547
CIE Lab	73.97, 18.03, 19.52
CIE LCh	74, 26.575, 47.270
Yxy	46.6513, 0.3867, 0.3550
Android (android.graphics.Color)	4293044627 (0xFFE2A993)
YUV	183.5350, -18.0118, 37.2418
Hunter-Lab	68.3017, 13.2811, 18.3580

Details

The Hex color **E2A993** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **93CCE2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE0C9**, and **A97560** is the 20% darker color. If you saturate the color by 10%, you get **E2997C**, and if you desaturate by 10%, it is **E2B9AA**.

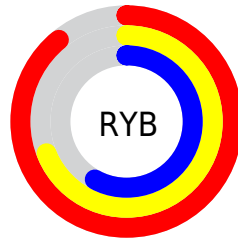
Distribution



Red (89%)

Green (66%)

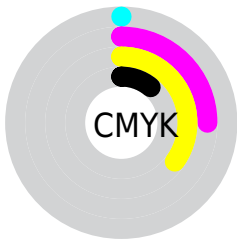
Blue (58%)



Red (89%)

Yellow (69%)

Blue (58%)

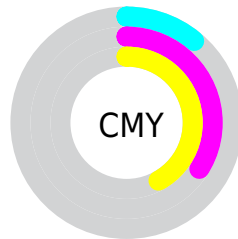


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2A993 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 E2A993 by changing the saturation by 10% instead.

 E2A993

 E2A993

FFFFFF

 C58E79

 FFE0C9

 A97560

 FFFDE5

 8E5C48

 734432

 592D1C

 401804

 280000

 000000

 E2A993

 E2A993

 E2997C

 E2B9AA

 E28866

 E2CAC0

 E2784F

 E2DAD7

 E26839

 E2EAED

 E25722

 E2FBFF

 E2470B

 E2FFFF

 E23F00

Harmonies

Analogous

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



E8A4A8



E2A993



D1B187

Triad

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



E2A993



82C3AA



ACB3E4

Complementary

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



E2A993



93CCE2

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.



8ABBE5



E2A993



70C4C3

Square

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



E2A993



9DBF94



72C1D9



CBABD7

Rectangle

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



E2A993



C2B685



72C1D9



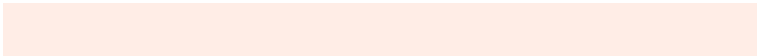
A0B6E6

Sweetspot

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



E2A993



FFEDE6



E293CD



807470



000000



808080

Same Dimension

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



E2A993



FFB294



E2D093



706865



B03100



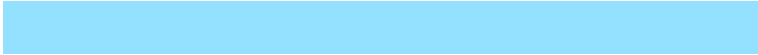
300D00

Inverse Universe

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



93CCE2



94E1FF



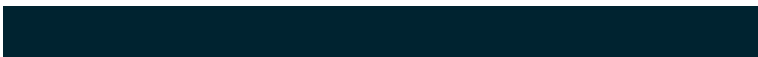
93A5E2



656D70



007FB0



002330

Previews

White Background



This preview shows how the Hex color E2A993 looks on a white background.

Color Contrast Check

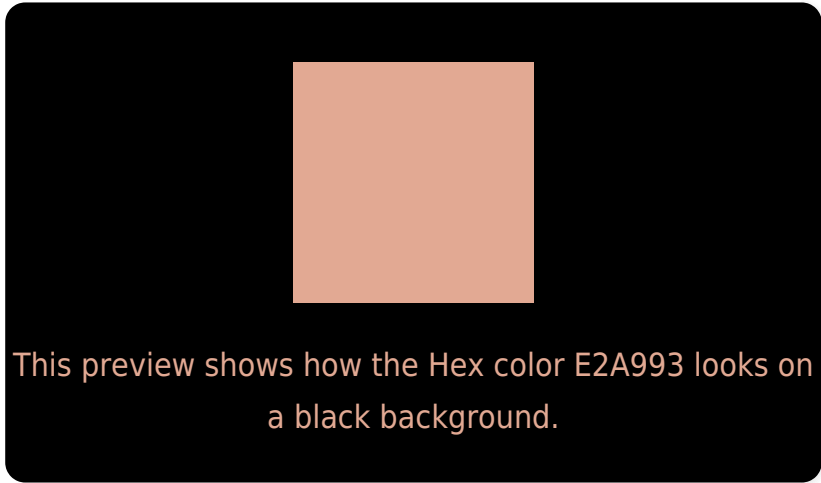
Large Text (above 18pt) WCAG AA × Fail

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

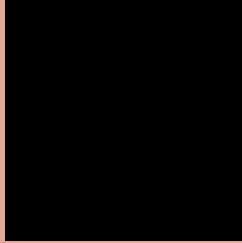
Any Text WCAG AA ✓ Pass

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 E2A993 Background



This preview shows how black text looks on a background with the Hex color E2A993.

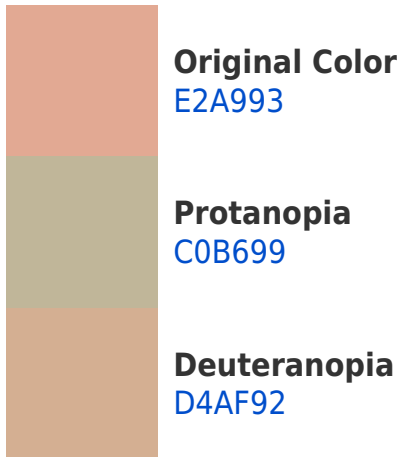


This preview shows how white text looks on a background with the Hex color E2A993.

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
E5A5B1

Trichromacy



Original Color
E2A993

Protanomaly
CCB197

Deuteranomaly
D9AD92

Tritanomaly
E4A6A6

Monochromacy



Original Color
E2A993

Achromatopsia
B8B8B8

Achromatomaly
C7B3AB

CSS Examples

Text

The CSS property to change the color of the text to Hex E2A993 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 #E2A993 looks like.

```
.text, #text, p{  
    color:#E2A993  
}
```

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 #E2A993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2A993  
}
```

Border

The CSS property to change the border of an element to Hex E2A993 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  
#E2A993 }
```

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

```
.border{ border-color:#E2A993 }
```

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

Here you see how a box with a 4 pixel #E2A993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2A993; -webkit-box-shadow:4px 4px  
4px 4px #E2A993; box-shadow:4px 4px 4px  
4px #E2A993 }
```

Background

The CSS property to change the background color of an element to Hex E2A993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2A993 }
```

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

```
.background{ background-color:#E2A993 }
```

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