

# Converting Colors

Hex(E2A791)

Have a look what the booklet for  
Hex(E2A791) contains.

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# **Color**

**Hex(E2A791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2A791
RGB	226, 167, 145
RGB Percent	89%, 65%, 57%
CMY	0.1137, 0.3451, 0.4314
CMYK	0.00, 0.26, 0.36, 0.11
HSL	16°, 58%, 73%
HSV	16°, 36%, 89%
XYZ	50.2936, 45.8505, 32.9873
YIQ	182.1330, 42.2260, 5.6660

# Conversions

## Conversions Part 2

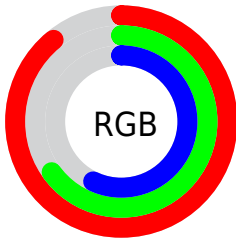
Format	Color
R <sub>Y</sub> B	226, 175, 145
Decimal	14854033
CIE Lab	73.45, 18.86, 19.90
CIE LCh	73, 27.416, 46.528
Yxy	45.8505, 0.3895, 0.3551
Android (android.graphics.Color)	4293044113 (0xFFE2A791)
YUV	182.1330, -18.3066, 38.4714
Hunter-Lab	67.7130, 14.0824, 18.5152

# Details

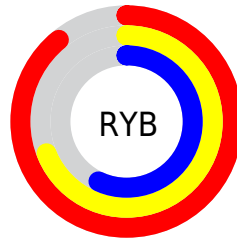
The Hex color **E2A791** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **91CCE2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFDEC7**, and **A9735E** is the 20% darker color. If you saturate the color by 10%, you get **E2977A**, and if you desaturate by 10%, it is **E2B7A8**.

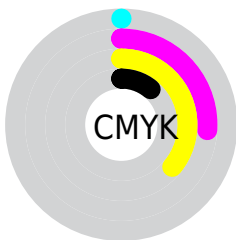
# Distribution



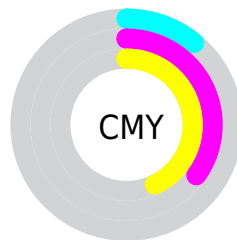
- Red (89%)
- Green (65%)
- Blue (57%)



- Red (89%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (11%)



- Cyan (11%)
- Magenta (35%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2A791 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 E2A791 by changing the saturation by 10% instead.



 E2A791

 E2A791

FFFFFF

 C58C77

 FFDEC7

 A9735E

 FFFBE3

 8D5A47

 724230

 582C1B

 3F1601

 280000

 000000

 E2A791

 E2A791

 E2977A

 E2B7A8

 E28664

 E2C8BE

 E2764D

 E2D8D5

 E26537

 E2E9EB

 E25520

 E2F9FF

 E24409

 E2FFFF

 E23D00

# Harmonies

## Analogous

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



E8A2A7



E2A791



D1AF84

# Triad

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



E2A791



80C2A8



A9B2E4

# Complementary

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



E2A791



91CCE2

# 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.



86BAE5



E2A791



6CC2C2

# Square

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



E2A791



9CBE91



6DC0D8



C9A9D7

# Rectangle

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



E2A791



C1B582



6DC0D8



9DB5E6

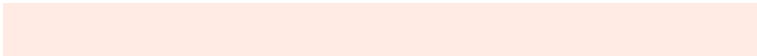


# Sweetspot

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



E2A791



FFEBE3



E291CC



80736F



000000



808080



# Same Dimension

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



E2A791



FFAF91



E2CF91



706865



B03000



300D00

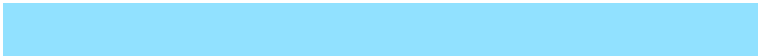


# Inverse Universe

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



91CCE2



91E1FF



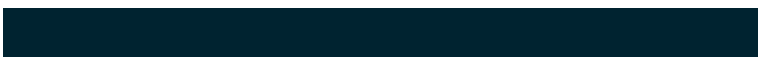
91A4E2



656D70



0080B0



002330



# Previews

## White Background



This preview shows how the Hex color E2A791 looks on a white background.

## Color Contrast Check

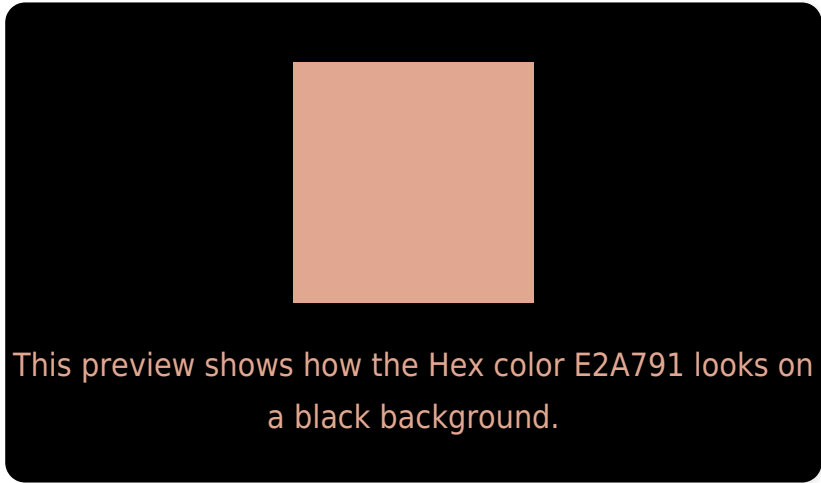
Large Text (above 18pt) WCAG AA × Fail

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

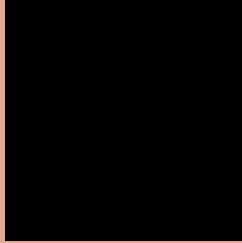
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2A791 Background



This preview shows how black text looks on a background with the Hex color E2A791.



This preview shows how white text looks on a background with the Hex color E2A791.

# 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



**Original Color**  
E2A791

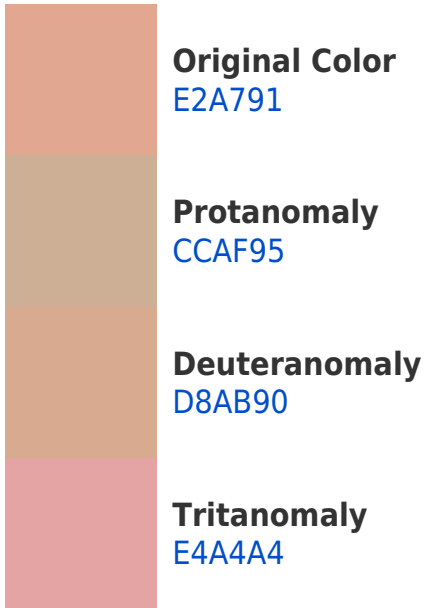
**Protanopia**  
BFB497

**Deuteranopia**  
D3AE90

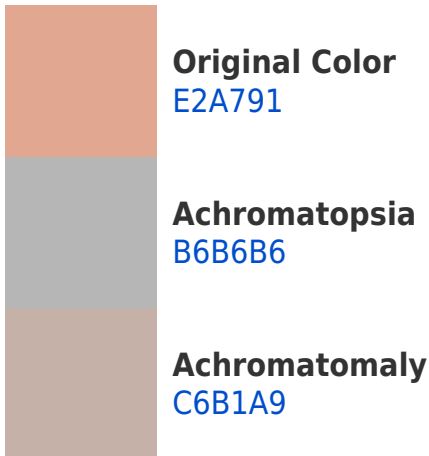


**Tritanopia**  
E5A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2A791 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 #E2A791 looks like.

```
.text, #text, p{  
    color:#E2A791  
}
```

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 #E2A791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2A791  
}
```

## Border

The CSS property to change the border of an element to Hex E2A791 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  
#E2A791 }
```

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

```
.border{ border-color:#E2A791 }
```

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

Here you see how a box with a 4 pixel #E2A791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2A791; -webkit-box-shadow:4px 4px  
4px 4px #E2A791; box-shadow:4px 4px 4px  
4px #E2A791 }
```

# Background

The CSS property to change the background color of an element to Hex E2A791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2A791 }
```

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

```
.background{ background-color:#E2A791 }
```

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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