

# Converting Colors

Hex(ED9EA6)

Have a look what the booklet for  
Hex(ED9EA6) contains.

<b>Hex(ED9EA6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ED9EA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED9EA6
RGB	237, 158, 166
RGB Percent	93%, 62%, 65%
CMY	0.0706, 0.3804, 0.3490
CMYK	0.00, 0.33, 0.30, 0.07
HSL	354°, 69%, 77%
HSV	354°, 33%, 93%
XYZ	54.0348, 45.2114, 41.9551
YIQ	182.5330, 44.5160, 19.2360

# Conversions

## Conversions Part 2

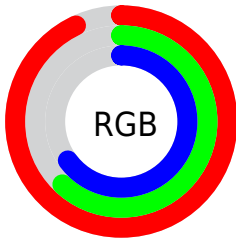
Format	Color
R <sub>Y</sub> B	237, 158, 166
Decimal	15572646
CIE Lab	73.03, 30.45, 7.97
CIE LCh	73, 31.476, 14.659
Yxy	45.2114, 0.3827, 0.3202
Android (android.graphics.Color)	4293762726 (0xFFED9EA6)
YUV	182.5330, -8.1508, 47.7676
Hunter-Lab	67.2394, 25.7769, 10.0727

# Details

The Hex color **ED9EA6** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9EEDE5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD5DD**, and **B36A72** is the 20% darker color. If you saturate the color by 10%, you get **ED8691**, and if you desaturate by 10%, it is **EDB6BB**.

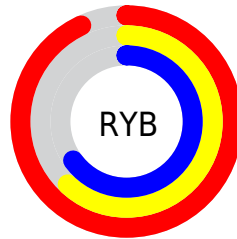
# Distribution



Red (93%)

Green (62%)

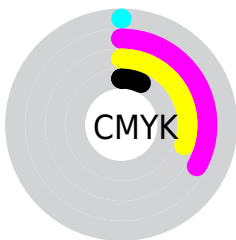
Blue (65%)



Red (93%)

Yellow (62%)

Blue (65%)

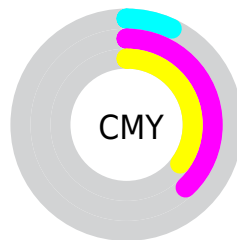


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (38%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED9EA6 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 ED9EA6 by changing the saturation by 10% instead.



 ED9EA6

 ED9EA6

FFFFFF

 D0838C

 FFD5DD

 B36A72

 FFF2FA

 97515A

 7C3842

 61212C

 470718

 300000

 010000

 000000

 ED9EA6

 ED9EA6

 ED8691

 EDB6BB

 ED6F7B

 EDCDD1

 ED5766

 EDE5E6

 ED3F51

 EDFDFB

 ED283B

 EDFFFF

 ED1026

 ED0018

# Harmonies

## Analogous

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



E39FC3



ED9EA6



E7A38C

# Triad

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



ED9EA6



99BE89



78BAEA

# Complementary

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



ED9EA6



9EEDE5

# 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.



59C1DB



ED9EA6



77C2A3

# Square

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



ED9EA6



B9B67B



5CC3C1



A2B1EB

# Rectangle

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



ED9EA6



DCA980



5CC3C1



6BBDE7

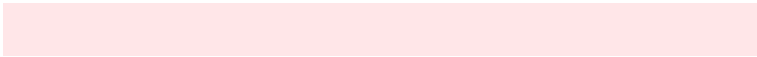


# Sweetspot

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



ED9EA6



FFE6E8



E49EED



807072



000000



808080



# Same Dimension

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



ED9EA6



FF99A3



EDBC9E



756A6B



B50012



360005



# Inverse Universe

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



ED9EA6



FF99A3



9ECFED



756A6B



B50012



360005



# Previews

## White Background



This preview shows how the Hex color ED9EA6 looks on a white background.

## Color Contrast Check

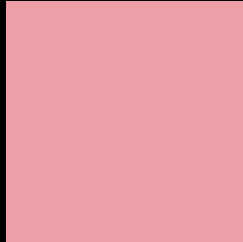
Large Text (above 18pt) WCAG AA × Fail

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 ED9EA6 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 ED9EA6 Background



This preview shows how black text looks on a background with the Hex color ED9EA6.

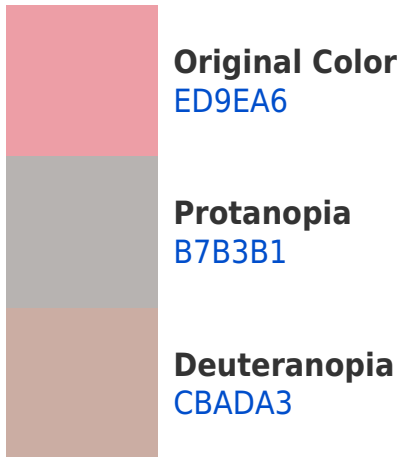


This preview shows how white text looks on a background with the Hex color ED9EA6.

# 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](#).

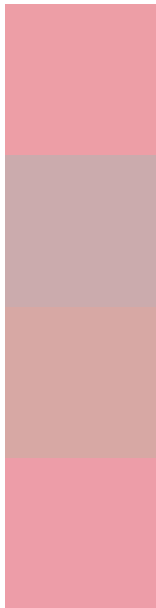
## Dichromacy





**Tritanopia**  
ED9DA9

# Trichromacy



**Original Color**  
ED9EA6

**Protanomaly**  
CBABAD

**Deuteranomaly**  
D7A8A4

**Tritanomaly**  
ED9DA8

# Monochromacy



**Original Color**  
ED9EA6

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
CBAEB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED9EA6 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 #ED9EA6 looks like.

```
.text, #text, p{  
    color:#ED9EA6  
}
```

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 #ED9EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED9EA6
}
```

## Border

The CSS property to change the border of an element to Hex ED9EA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

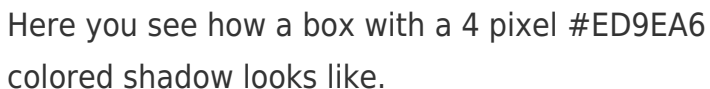
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED9EA6 }
```

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

```
.border{ border-color:#ED9EA6 }
```

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



Here you see how a box with a 4 pixel `#ED9EA6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED9EA6; -webkit-box-shadow:4px 4px  
4px 4px #ED9EA6; box-shadow:4px 4px 4px  
4px #ED9EA6 }
```

# Background

The CSS property to change the background color of an element to Hex ED9EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED9EA6 }
```

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

```
.background{ background-color:#ED9EA6 }
```

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