

# Converting Colors

Hex(9ED0A6)

Have a look what the booklet for  
Hex(9ED0A6) contains.

<b>Hex(9ED0A6)</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(9ED0A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ED0A6
RGB	158, 208, 166
RGB Percent	62%, 82%, 65%
CMY	0.3804, 0.1843, 0.3490
CMYK	0.24, 0.00, 0.20, 0.18
HSL	130°, 35%, 72%
HSV	130°, 24%, 82%
XYZ	43.5394, 55.1340, 44.4236
YIQ	188.2620, -16.3180, -23.6620

# Conversions

## Conversions Part 2

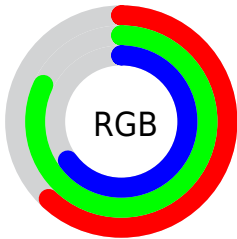
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 201, 208</a>
Decimal	<a href="#">10408102</a>
CIELab	<a href="#">79.12, -24.56, 15.66</a>
CIELCh	<a href="#">79, 29.127, 147.474</a>
Yxy	<a href="#">55.1340, 0.3043, 0.3853</a>
Android (android.graphics.Color)	<a href="#">4288598182 (0xFF9ED0A6)</a>
YUV	<a href="#">188.2620, -10.9752, -26.5398</a>
Hunter-Lab	<a href="#">74.2523, -25.2744, 16.5047</a>

# Details

The Hex color **9ED0A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D09EC8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D5FFDD**, and **699972** is the 20% darker color. If you saturate the color by 10%, you get **89D095**, and if you desaturate by 10%, it is **B3D0B7**.

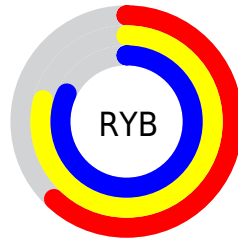
# Distribution



Red (62%)

Green (82%)

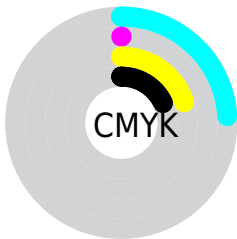
Blue (65%)



Red (62%)

Yellow (79%)

Blue (82%)

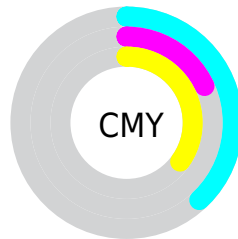


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (18%)



Cyan (38%)

Magenta (18%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ED0A6 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 9ED0A6 by changing the saturation by 10% instead.





9ED0A6



9ED0A6

FFFFFF



83B48C



D5FFDD



699972



F2FFFA



507F59



386642



204E2B



053616



002100



000000



9ED0A6



9ED0A6

 89D095

 B3D0B7

 74D083

 C8D0C9

 60D072

 DCD0DA

 4BD060

 F1D0EC

 36D04F

 FFD0FD

 21D03D

 FFD0FF

 0CD02C

 00D021

# Harmonies

## Analogous

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



BDC993



9ED0A6



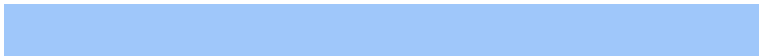
82D3C1

# Triad

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



9ED0A6



9FC7FA



FBB2AC

# Complementary

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



9ED0A6



D09EC8

# 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.



F7B0C7



9ED0A6



C5BEF4

# Square

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



9ED0A6



7ECEF1



E5B5E1



F0B897

# Rectangle

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



9ED0A6



75D3D3



E5B5E1



FBB1B5



# Sweetspot

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



9ED0A6



EDFFF0



C9D09E



758077



000000



808080

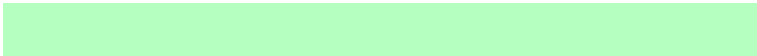


# Same Dimension

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



9ED0A6



B5FFC1



9ED0BF



5E6960



00A81B



002907



# Inverse Universe

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



D09EC8



FFB5F3



D09EAF



695E67



A8008D

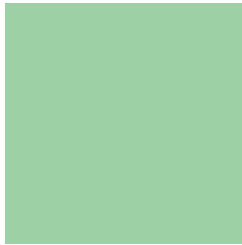


290022



# Previews

## White Background



This preview shows how the Hex color 9ED0A6 looks on a white background.

## Color Contrast Check

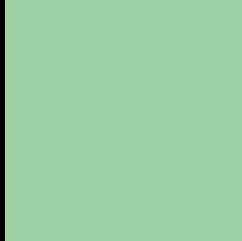
Large Text (above 18pt) WCAG AA × Fail

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 9ED0A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

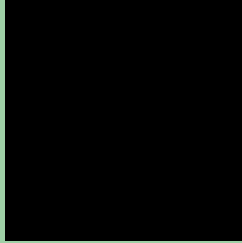
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9ED0A6 Background



This preview shows how black text looks on a background with the Hex color 9ED0A6.

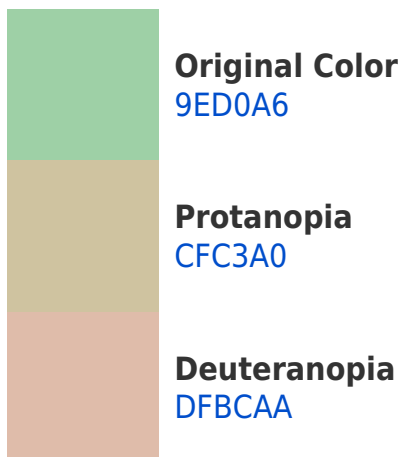


This preview shows how white text looks on a background with the Hex color 9ED0A6.

# 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](#).

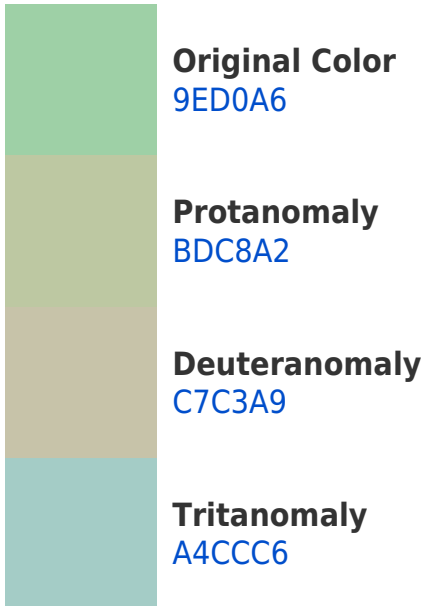
## Dichromacy



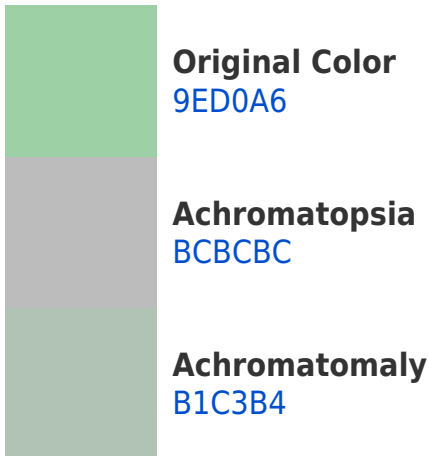


**Tritanopia**  
A7C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ED0A6 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 #9ED0A6 looks like.

```
.text, #text, p{  
    color:#9ED0A6  
}
```

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 #9ED0A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED0A6  
}
```

## Border

The CSS property to change the border of an element to Hex 9ED0A6 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  
#9ED0A6 }
```

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

```
.border{ border-color:#9ED0A6 }
```

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

Here you see how a box with a 4 pixel #9ED0A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED0A6; -webkit-box-shadow:4px 4px  
4px 4px #9ED0A6; box-shadow:4px 4px 4px  
4px #9ED0A6 }
```

# Background

The CSS property to change the background color of an element to Hex 9ED0A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED0A6 }
```

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

```
.background{ background-color:#9ED0A6 }
```

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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