

# Converting Colors

Hex(9ED6AA)

Have a look what the booklet for  
Hex(9ED6AA) contains.

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**Color**

**Hex(9ED6AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ED6AA
RGB	158, 214, 170
RGB Percent	62%, 84%, 67%
CMY	0.3804, 0.1608, 0.3333
CMYK	0.26, 0.00, 0.21, 0.16
HSL	133°, 41%, 73%
HSV	133°, 26%, 84%
XYZ	45.4028, 58.2645, 46.8834
YIQ	192.2400, -19.2520, -25.5560

# Conversions

## Conversions Part 2

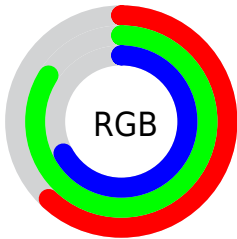
Format	Color
<a href="#">RYB</a>	<a href="#">158, 204, 214</a>
Decimal	<a href="#">10409642</a>
CIELab	<a href="#">80.89, -26.75, 16.02</a>
CIELCh	<a href="#">81, 31.182, 149.088</a>
Yxy	<a href="#">58.2645, 0.3016, 0.3870</a>
Android (android.graphics.Color)	<a href="#">4288599722 (0xFF9ED6AA)</a>
YUV	<a href="#">192.2400, -10.9643, -30.0285</a>
Hunter-Lab	<a href="#">76.3312, -27.4054, 17.0153</a>

# Details

The Hex color **9ED6AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D69ECA**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D6FFE1**, and **699F76** is the 20% darker color. If you saturate the color by 10%, you get **89D699**, and if you desaturate by 10%, it is **B3D6BB**.

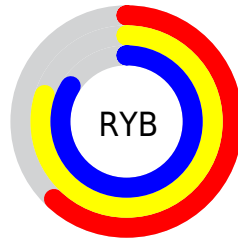
# Distribution



Red (62%)

Green (84%)

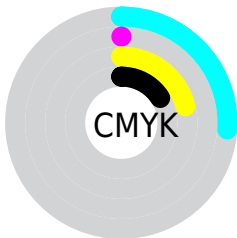
Blue (67%)



Red (62%)

Yellow (80%)

Blue (84%)

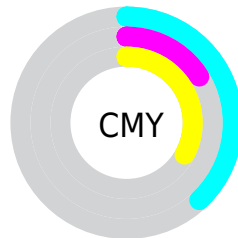


Cyan (26%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ED6AA 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 9ED6AA by changing the saturation by 10% instead.



 9ED6AA

 9ED6AA

FFFFFF

 83BA8F

 D6FFE1


 699F76

 F2FFFE

 50855D

 376B45

 1E532F

 013B19

 002500

 000600

 000000

 9ED6AA

 9ED6AA

 89D699

 B3D6BB

 73D688

 C9D6CC

 5ED678

 DED6DC

 48D667

 F4D6ED

 33D656

 FFD6FE

 1ED645

 FFD6FF

 08D634

 00D62E

# Harmonies

## Analogous

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



C0D095



9ED6AA



7FD9C7

# Triad

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



9ED6AA



A3CCFF



FFB5AE

# Complementary

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



9ED6AA



D69ECA

# 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.



FFB3CB



9ED6AA



CCC2FC

# Square

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



9ED6AA



7DD4FA



EDB8E7



F7BD98

# Rectangle

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



9ED6AA



72D9DB



EDB8E7



FFB4B7



# Sweetspot

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



9ED6AA



EBFFEF



CBD69E



738075



000000



808080

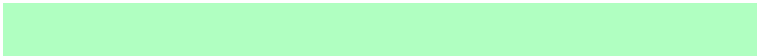


# Same Dimension

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



9ED6AA



B0FFC1



9ED6C5



606B63



00AB25



002B09



# Inverse Universe

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



D69ECA



FFB0EE



D69EAF



6B6069



AB0086



2B0022



# Previews

## White Background



This preview shows how the Hex color 9ED6AA looks on a white background.

## Color Contrast Check

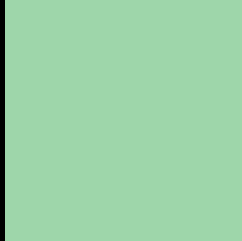
Large Text (above 18pt) WCAG AA × Fail

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 9ED6AA 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 9ED6AA Background



This preview shows how black text looks on a background with the Hex color 9ED6AA.

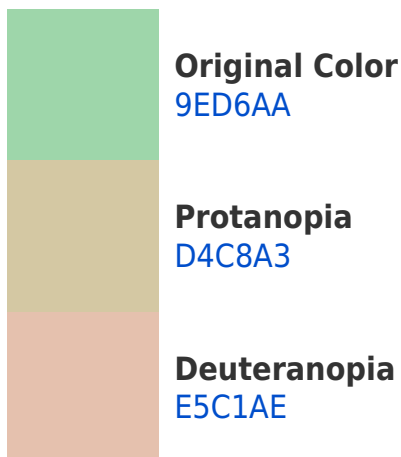


This preview shows how white text looks on a background with the Hex color 9ED6AA.

# 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](#).

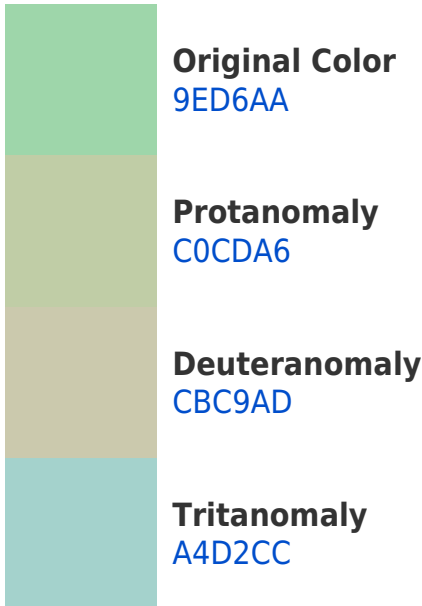
## Dichromacy



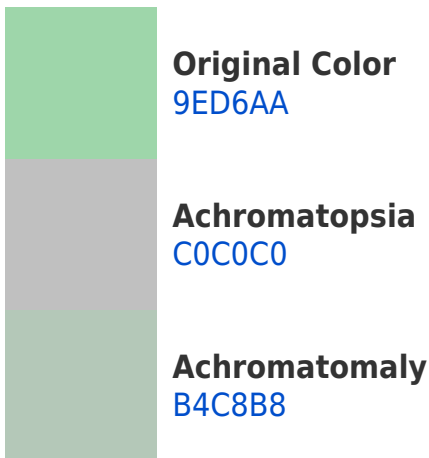


**Tritanopia**  
A8CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ED6AA 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 #9ED6AA looks like.

```
.text, #text, p{  
    color:#9ED6AA  
}
```

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 #9ED6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED6AA  
}
```

## Border

The CSS property to change the border of an element to Hex 9ED6AA 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  
#9ED6AA }
```

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

```
.border{ border-color:#9ED6AA }
```

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

Here you see how a box with a 4 pixel #9ED6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED6AA; -webkit-box-shadow:4px 4px  
4px 4px #9ED6AA; box-shadow:4px 4px 4px  
4px #9ED6AA }
```

# Background

The CSS property to change the background color of an element to Hex 9ED6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED6AA }
```

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

```
.background{ background-color:#9ED6AA }
```

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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