

# Converting Colors

Hex(9AD6B5)

Have a look what the booklet for  
Hex(9AD6B5) contains.

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# **Color**

**Hex(9AD6B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AD6B5
RGB	154, 214, 181
RGB Percent	60%, 84%, 71%
CMY	0.3961, 0.1608, 0.2902
CMYK	0.28, 0.00, 0.15, 0.16
HSL	147°, 42%, 72%
HSV	147°, 28%, 84%
XYZ	45.7135, 58.2994, 52.5596
YIQ	192.2980, -25.1670, -22.9830

# Conversions

## Conversions Part 2

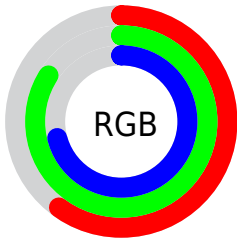
Format	Color
<a href="#">RYB</a>	<a href="#">154, 195, 214</a>
Decimal	<a href="#">10147509</a>
CIELab	<a href="#">80.90, -25.95, 10.19</a>
CIElCh	<a href="#">81, 27.875, 158.563</a>
Yxy	<a href="#">58.2994, 0.2920, 0.3723</a>
Android (android.graphics.Color)	<a href="#">4288337589 (0xFF9AD6B5)</a>
YUV	<a href="#">192.2980, -5.5699, -33.5873</a>
Hunter-Lab	<a href="#">76.3540, -26.7508, 12.6345</a>

# Details

The Hex color **9AD6B5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D69ABB**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D2FFED**, and **659F80** is the 20% darker color. If you saturate the color by 10%, you get **85D6A9**, and if you desaturate by 10%, it is **AFD6C1**.

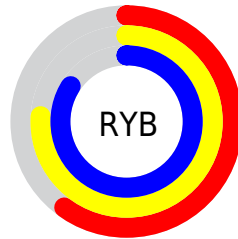
# Distribution



Red (60%)

Green (84%)

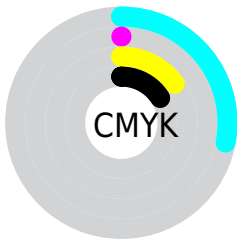
Blue (71%)



Red (60%)

Yellow (76%)

Blue (84%)

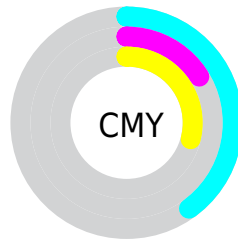


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AD6B5 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 9AD6B5 by changing the saturation by 10% instead.



 9AD6B5

FFFFFF

 D2FFED

 EEFFFF

 9AD6B5

 7FBA9A

 659F80

 4C8567

 326B4F

 185338

 003B22

 00250D

 000600

 000000

 9AD6B5

 9AD6B5

 85D6A9

 AFD6C1

 6FD69D

 C5D6CD

 5AD692

 DAD6D8

 44D686

 F0D6E4

 2FD67A

 FFD6F0

 1AD66E

 FFD6FC

 04D663

 FFD6FF

 00D660

# Harmonies

## Analogous

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



B8D1A0



9AD6B5



83D8D0

# Triad

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



9AD6B5



B3C9FC



FBB9AA

# Complementary

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



9AD6B5



D69ABB

# 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.



FDB6C2



9AD6B5



D6C0F2

# Square

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



9AD6B5



91D1F9



F1B8DD



EDC199

# Rectangle

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



9AD6B5



7DD7E1



F1B8DD



FEB8B1



# Sweetspot

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



9AD6B5



EBFFF4



BBD69A



738078



000000



808080

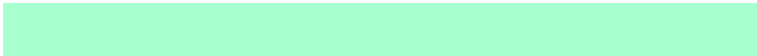


# Same Dimension

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



9AD6B5



A8FFCF



9AD6D3



606B65



00AB4D



002B14



# Inverse Universe

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



D69ABB



FFA8D8



D69A9D



6B6066



AB005E



2B0018



# Previews

## White Background



This preview shows how the Hex color 9AD6B5 looks on a white background.

## Color Contrast Check

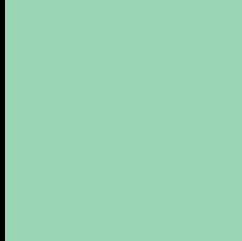
Large Text (above 18pt) WCAG AA × Fail

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 9AD6B5 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 9AD6B5 Background



This preview shows how black text looks on a background with the Hex color 9AD6B5.

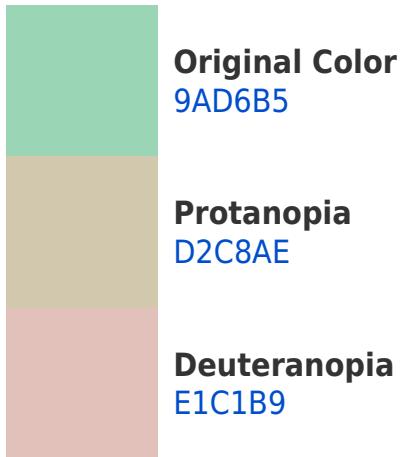


This preview shows how white text looks on a background with the Hex color 9AD6B5.

# 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](#).

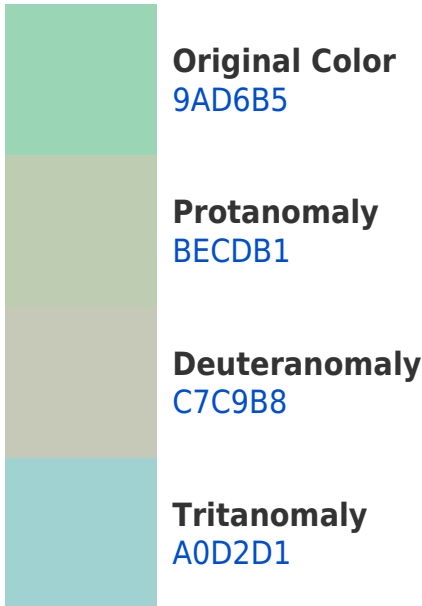
## Dichromacy



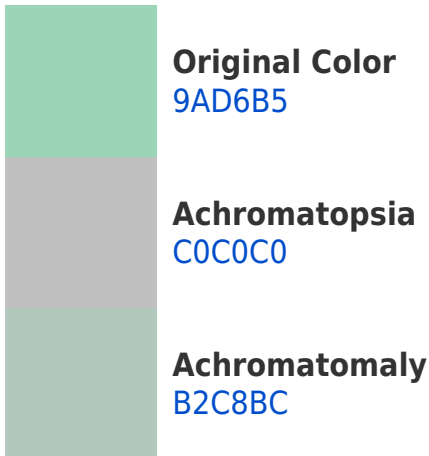


**Tritanopia**  
A3D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AD6B5 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 #9AD6B5 looks like.

```
.text, #text, p{  
    color:#9AD6B5  
}
```

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 #9AD6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD6B5  
}
```

## Border

The CSS property to change the border of an element to Hex 9AD6B5 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  
#9AD6B5 }
```

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

```
.border{ border-color:#9AD6B5 }
```

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

Here you see how a box with a 4 pixel #9AD6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD6B5; -webkit-box-shadow:4px 4px  
4px 4px #9AD6B5; box-shadow:4px 4px 4px  
4px #9AD6B5 }
```

# Background

The CSS property to change the background color of an element to Hex 9AD6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD6B5 }
```

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

```
.background{ background-color:#9AD6B5 }
```

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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