

# Converting Colors

Hex(9ABD90)

Have a look what the booklet for  
Hex(9ABD90) contains.

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**Color**

**Hex(9ABD90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ABD90
RGB	154, 189, 144
RGB Percent	60%, 74%, 56%
CMY	0.3961, 0.2588, 0.4353
CMYK	0.19, 0.00, 0.24, 0.26
HSL	107°, 25%, 65%
HSV	107°, 24%, 74%
XYZ	36.5581, 45.2788, 33.1984
YIQ	173.4050, -6.4150, -21.4150

# Conversions

## Conversions Part 2

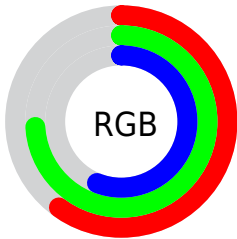
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 189, 179</a>
Decimal	<a href="#">10141072</a>
CIELab	<a href="#">73.08, -20.32, 18.97</a>
CIELCh	<a href="#">73, 27.797, 136.975</a>
Yxy	<a href="#">45.2788, 0.3178, 0.3936</a>
Android (android.graphics.Color)	<a href="#">4288331152 (0xFF9ABD90)</a>
YUV	<a href="#">173.4050, -14.4967, -17.0182</a>
Hunter-Lab	<a href="#">67.2895, -20.7786, 17.8510</a>

# Details

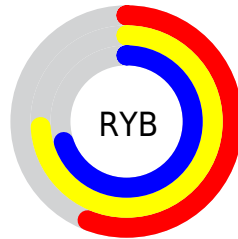
The Hex color **9ABD90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B390BD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D1F5C6**, and **66885D** is the 20% darker color. If you saturate the color by 10%, you get **8BBD7D**, and if you desaturate by 10%, it is **A9BDA3**.

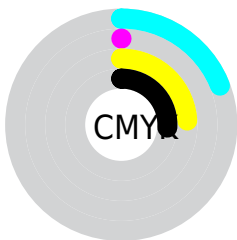
# Distribution



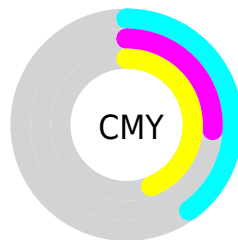
- Red (60%)
- Green (74%)
- Blue (56%)



- Red (56%)
- Yellow (74%)
- Blue (70%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (26%)



- Cyan (40%)
- Magenta (26%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ABD90 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 9ABD90 by changing the saturation by 10% instead.



 9ABD90

 9ABD90

FFFFFF

 80A276

 D1F5C6

 66885D

 EDFFE2

 4E6E46

 36562F

 1F3E19

 0A2800

 001300

 000000

 9ABD90

 9ABD90

 8BBD7D

 A9BDA3

 7DBD6A

 B7BDB6

 6EBD57

 C6BDC9

 5FBD44

 D5BDDC

 50BD31

 E4BDEF

 42BD1F

 F2BDFF

 33BD0C

 FFBDFE

 2ABD00

# Harmonies

## Analogous

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



B7B682



9ABD90



7EC1A7

# Triad

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



9ABD90



84B9E4



E7A1A6

# Complementary

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



9ABD90



B390BD

# 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.



DFA2C0



9ABD90



A8B1E4

# Square

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



9ABD90



6ABFD8



C9A8D6



E1A68F

# Rectangle

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



9ABD90



6EC2B9



C9A8D6



E6A1AE

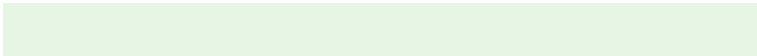


# Sweetspot

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



9ABD90



E7F5E4



BDB390



737A71



FAFAFA



7A7A7A

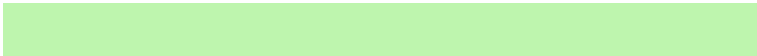


# Same Dimension

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



9ABD90



BEF5AE



90BD9C



575E55



239E00



071F00



# Inverse Universe

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



B390BD



E5AEF5



BD90B1



5C555E



7B009E



18001F



# Previews

## White Background



This preview shows how the Hex color 9ABD90 looks on a white background.

## Color Contrast Check

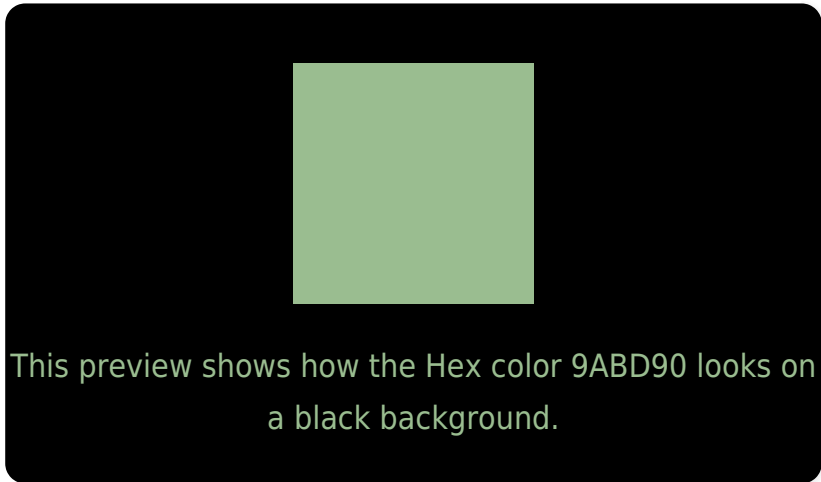
Large Text (above 18pt) WCAG AA × Fail

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 9ABD90 Background



This preview shows how black text looks on a background with the Hex color 9ABD90.

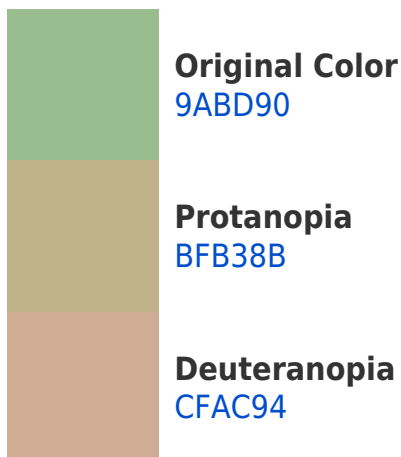


This preview shows how white text looks on a background with the Hex color 9ABD90.

# 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](#).

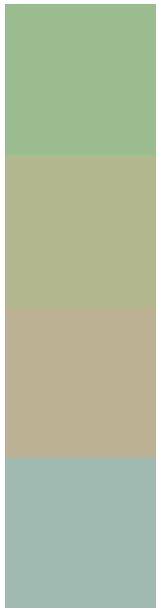
## Dichromacy





**Tritanopia**  
A3B6C4

# Trichromacy



**Original Color**  
9ABD90

**Protanomaly**  
B2B78D

**Deuteranomaly**  
BCB293

**Tritanomaly**  
A0B9B1

# Monochromacy



**Original Color**  
9ABD90

**Achromatopsia**  
ADADAD

**Achromatomaly**  
A6B3A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ABD90 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 #9ABD90 looks like.

```
.text, #text, p{  
    color:#9ABD90  
}
```

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 #9ABD90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABD90
}
```

## Border

The CSS property to change the border of an element to Hex 9ABD90 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
#9ABD90 }
```

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

```
.border{ border-color:#9ABD90 }
```

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

Here you see how a box with a 4 pixel #9ABD90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABD90; -webkit-box-shadow:4px 4px  
4px 4px #9ABD90; box-shadow:4px 4px 4px  
4px #9ABD90 }
```

# Background

The CSS property to change the background color of an element to Hex 9ABD90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABD90 }
```

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

```
.background{ background-color:#9ABD90 }
```

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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