

# Converting Colors

Hex(96DA90)

Have a look what the booklet for  
Hex(96DA90) contains.

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**Color**

**Hex(96DA90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96DA90
RGB	150, 218, 144
RGB Percent	59%, 85%, 56%
CMY	0.4118, 0.1451, 0.4353
CMYK	0.31, 0.00, 0.34, 0.15
HSL	115°, 50%, 71%
HSV	115°, 34%, 85%
XYZ	42.6831, 58.6405, 35.4547
YIQ	189.2320, -16.7740, -37.4300

# Conversions

## Conversions Part 2

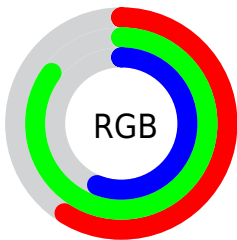
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 218, 212</a>
Decimal	<a href="#">9886352</a>
CIELab	<a href="#">81.09, -35.62, 29.81</a>
CIELCh	<a href="#">81, 46.443, 140.072</a>
Yxy	<a href="#">58.6405, 0.3121, 0.4287</a>
Android (android.graphics.Color)	<a href="#">4288076432 (0xFF96DA90)</a>
YUV	<a href="#">189.2320, -22.2994, -34.4065</a>
Hunter-Lab	<a href="#">76.5771, -34.5161, 26.1531</a>

# Details

The Hex color **96DA90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D490DA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CEFFC6**, and **60A35D** is the 20% darker color. If you saturate the color by 10%, you get **82DA7A**, and if you desaturate by 10%, it is **AADAA6**.

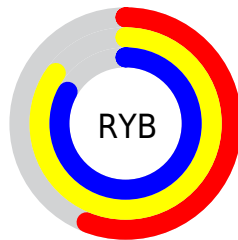
# Distribution



Red (59%)

Green (85%)

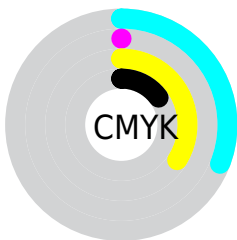
Blue (56%)



Red (56%)

Yellow (85%)

Blue (83%)

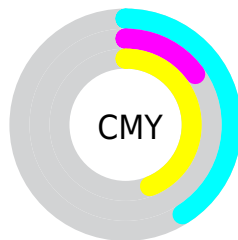


Cyan (31%)

Magenta (0%)

Yellow (34%)

Black (15%)



Cyan (41%)

Magenta (15%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96DA90 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 96DA90 by changing the saturation by 10% instead.



 96DA90

 96DA90

FFFFFF

 7BBE76

 CEFFC6

 60A35D

 EBFFE3

 468844

 2B6E2D

 0B5516

 003D00

 002800

 000700

 000000

 96DA90

 96DA90

 82DA7A

 AADAA6

 6EDA64

 BEDABC

 5ADA4F

 D2DAD1

 46DA39

 E6DAE7

 32DA23

 FADAFD

 1EDA0D

 FFDAFF

 12DA00

# Harmonies

## Analogous

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



C8D076



96DA90



59DFB9

# Triad

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



96DA90



6BD2FF



FFA8AE

# Complementary

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



96DA90



D490DA

# 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.



FFA8DA



96DA90



B8C4FF

# Square

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



96DA90



00DCFF



F2B3FF



FFB388

# Rectangle

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



96DA90



16E0D7



F2B3FF



FFA7BC



# Sweetspot

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



96DA90



E8FFE6



DAD490



718070



000000



808080

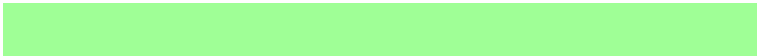


# Same Dimension

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



96DA90



9FFF96



90DAAF



646E63



0EAD00



042E00



# Inverse Universe

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



D490DA



F796FF



DA90BB



6D636E



9F00AD

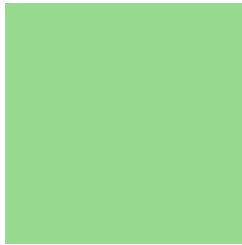


2A002E



# Previews

## White Background



This preview shows how the Hex color 96DA90 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 96DA90 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

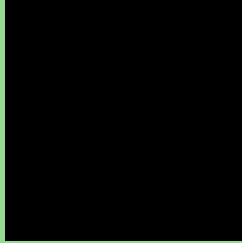
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96DA90 Background



This preview shows how black text looks on a background with the Hex color 96DA90.

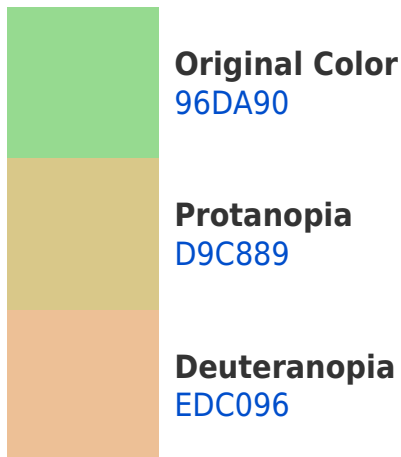


This preview shows how white text looks on a background with the Hex color 96DA90.

# 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](#).

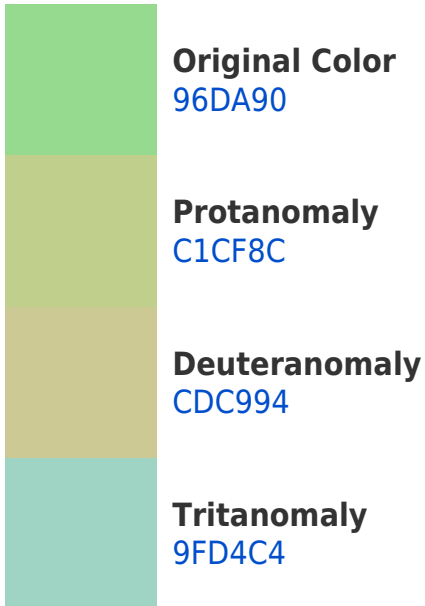
## Dichromacy



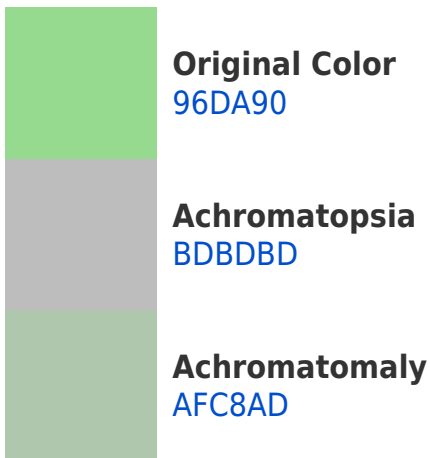


**Tritanopia**  
A4D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96DA90 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 #96DA90 looks like.

```
.text, #text, p{  
    color:#96DA90  
}
```

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 #96DA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DA90
}
```

## Border

The CSS property to change the border of an element to Hex 96DA90 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
#96DA90 }
```

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

```
.border{ border-color:#96DA90 }
```

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

Here you see how a box with a 4 pixel #96DA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DA90; -webkit-box-shadow:4px 4px  
4px 4px #96DA90; box-shadow:4px 4px 4px  
4px #96DA90 }
```

# Background

The CSS property to change the background color of an element to Hex 96DA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DA90 }
```

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

```
.background{ background-color:#96DA90 }
```

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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