

# Converting Colors

Hex(96BE90)

Have a look what the booklet for  
Hex(96BE90) contains.

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# **Color**

**Hex(96BE90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96BE90
RGB	150, 190, 144
RGB Percent	59%, 75%, 56%
CMY	0.4118, 0.2549, 0.4353
CMYK	0.21, 0.00, 0.24, 0.25
HSL	112°, 26%, 65%
HSV	112°, 24%, 75%
XYZ	36.0252, 45.3246, 33.2353
YIQ	172.7960, -9.0740, -22.7860

# Conversions

## Conversions Part 2

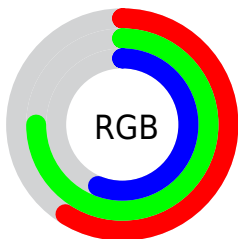
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 190, 184
Decimal	9879184
CIELab	73.11, -22.23, 18.97
CIELCh	73, 29.219, 139.522
Yxy	45.3246, 0.3144, 0.3956
Android (android.graphics.Color)	4288069264 (0xFF96BE90)
YUV	172.7960, -14.1964, -19.9921
Hunter-Lab	67.3235, -22.2998, 17.8570

# Details

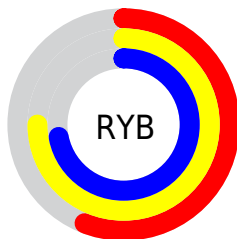
The Hex color **96BE90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B890BE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CDF6C6**, and **62885D** is the 20% darker color. If you saturate the color by 10%, you get **85BE7D**, and if you desaturate by 10%, it is **A7BEA3**.

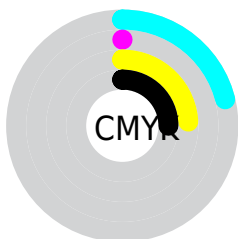
# Distribution



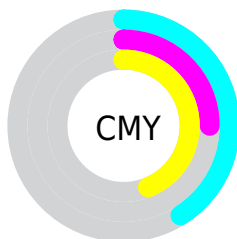
- Red (59%)
- Green (75%)
- Blue (56%)



- Red (56%)
- Yellow (75%)
- Blue (72%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96BE90 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 96BE90 by changing the saturation by 10% instead.



 96BE90

 96BE90

FFFFFF

 7CA376

 CDF6C6

 62885D

 E9FFE2

 4A6F46

 32562F

 1A3F19

 052800

 001300

 000000

 96BE90

 96BE90

 85BE7D

 A7BEA3

 75BE6A

 B7BEB6

 64BE57

 C8BEC9

 54BE44

 D8BEDC

 43BE31

 E9BEEF

 33BE1E

 F9BEFF

 22BE0B

 FFBEFF

 19BE00

# Harmonies

## Analogous

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



B5B781



96BE90



78C2A9

# Triad

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



96BE90



84B9E7



EAA0A3

# Complementary

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



96BE90



B890BE

# 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.



E2A1BE



96BE90



ABB0E6

# Square

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



96BE90



66BFDB



CCA7D6



E2A68C

# Rectangle

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



96BE90



68C2BB



CCA7D6



E9A0AC

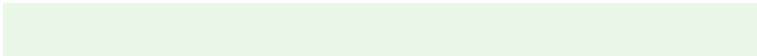


# Sweetspot

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



96BE90



E8F7E6



BEB890



747D73



FCFCFC



7D7D7D

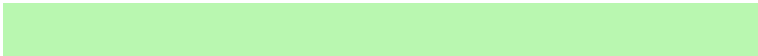


# Same Dimension

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



96BE90



B9F7B0



90BEA1



565E55



159E00



041F00



# Inverse Universe

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



B890BE



EEB0F7



BE90AD



5D555E



89009E



1B001F



# Previews

## White Background



This preview shows how the Hex color 96BE90 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 96BE90 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

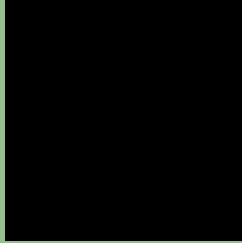
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96BE90 Background



This preview shows how black text looks on a background with the Hex color 96BE90.

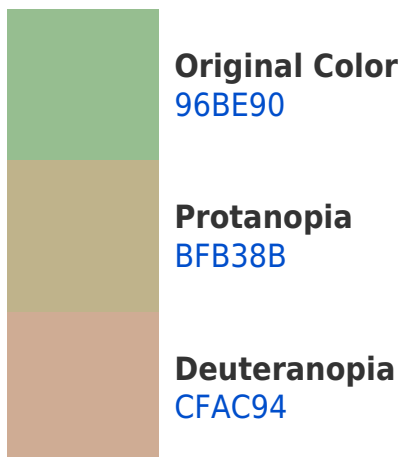


This preview shows how white text looks on a background with the Hex color 96BE90.

# 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](#).

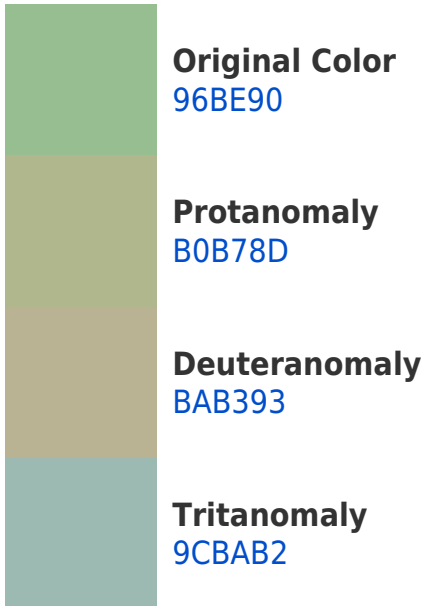
## Dichromacy



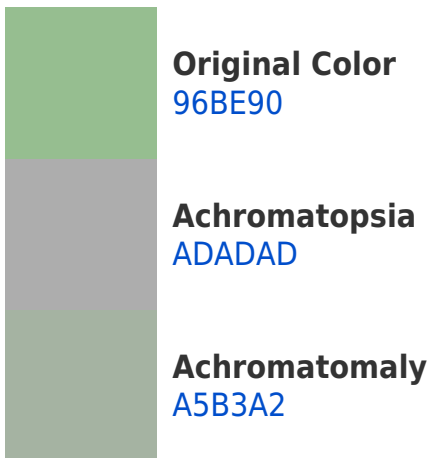


**Tritanopia**  
9FB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96BE90 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 #96BE90 looks like.

```
.text, #text, p{  
    color:#96BE90  
}
```

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 #96BE90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BE90
}
```

## Border

The CSS property to change the border of an element to Hex 96BE90 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
#96BE90 }
```

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

```
.border{ border-color:#96BE90 }
```

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

Here you see how a box with a 4 pixel #96BE90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BE90; -webkit-box-shadow:4px 4px  
4px 4px #96BE90; box-shadow:4px 4px 4px  
4px #96BE90 }
```

# Background

The CSS property to change the background color of an element to Hex 96BE90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BE90 }
```

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

```
.background{ background-color:#96BE90 }
```

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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