

# Converting Colors

Hex(96BFA4)

Have a look what the booklet for  
Hex(96BFA4) contains.

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# **Color**

**Hex(96BFA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96BFA4
RGB	150, 191, 164
RGB Percent	59%, 75%, 64%
CMY	0.4118, 0.2510, 0.3569
CMYK	0.21, 0.00, 0.14, 0.25
HSL	140°, 24%, 67%
HSV	140°, 21%, 75%
XYZ	37.9093, 46.4260, 42.0850
YIQ	175.6630, -15.7690, -17.0890

# Conversions

## Conversions Part 2

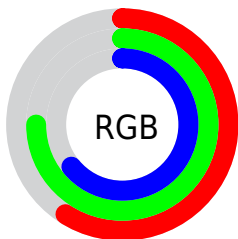
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 181, 191
Decimal	9879460
CIELab	73.82, -19.11, 9.18
CIELCh	74, 21.200, 154.348
Yxy	46.4260, 0.2999, 0.3672
Android (android.graphics.Color)	4288069540 (0xFF96BFA4)
YUV	175.6630, -5.7499, -22.5065
Hunter-Lab	68.1366, -19.9266, 11.0748

# Details

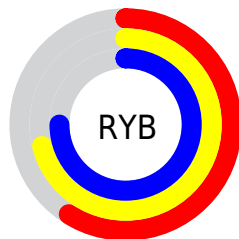
The Hex color **96BFA4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF96B1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CDF7DB**, and **628970** is the 20% darker color. If you saturate the color by 10%, you get **83BF97**, and if you desaturate by 10%, it is **A9BFB1**.

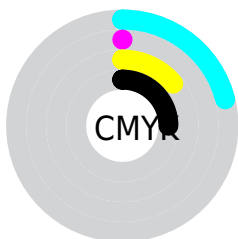
# Distribution



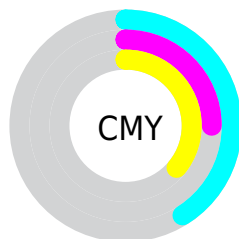
- Red (59%)
- Green (75%)
- Blue (64%)



- Red (59%)
- Yellow (71%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96BFA4 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 96BFA4 by changing the saturation by 10% instead.





96BFA4



96BFA4

FFFFFF



7CA48A



CDF7DB



628970



E9FFF7



4A7058



325740



1B402A



032916



001600



000000



96BFA4



96BFA4

 83BF97

 A9BFB1

 70BF8B

 BCBFBD

 5DBF7E

 CFBFCA

 4ABF72

 E2BFD6

 37BF65

 F6BFE3

 23BF59

 FFBFEF

 10BF4C

 FFBFFC

 00BF41

 FFBFFF

# Harmonies

## Analogous

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



ACBB95



96BFA4



85C1B8

# Triad

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



96BFA4



A3B6DC



DDA9A0

# Complementary

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



96BFA4



BF96B1

# 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.



DCA8B3



96BFA4



BCAFD6

# Square

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



96BFA4



8BBCD8



D1AAC7



D3AF93

# Rectangle

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



96BFA4



80C0C5



D1AAC7



DEA8A6

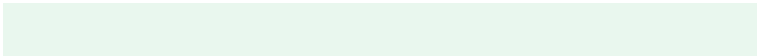


# Sweetspot

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



96BFA4



E9F7EE



B1BF96



747D77



FCFCFC



7D7D7D

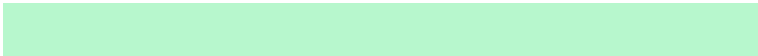


# Same Dimension

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



96BFA4



B7F7CD



96BFB8



555E58



009E36



001F0A



# Inverse Universe

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



BF96B1



F7B7E1



BF969D



5E555B



9E0068

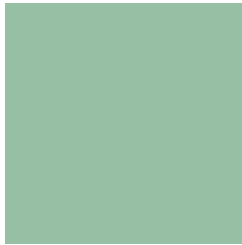


1F0014



# Previews

## White Background



This preview shows how the Hex color 96BFA4 looks on a white background.

## Color Contrast Check

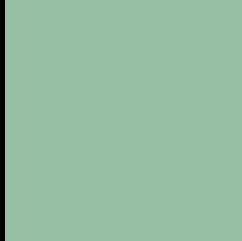
Large Text (above 18pt) WCAG AA × Fail

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 96BFA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

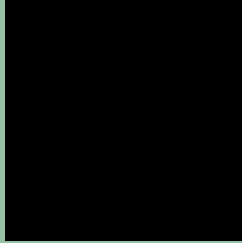
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

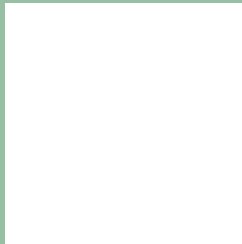
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96BFA4 Background



This preview shows how black text looks on a background with the Hex color 96BFA4.

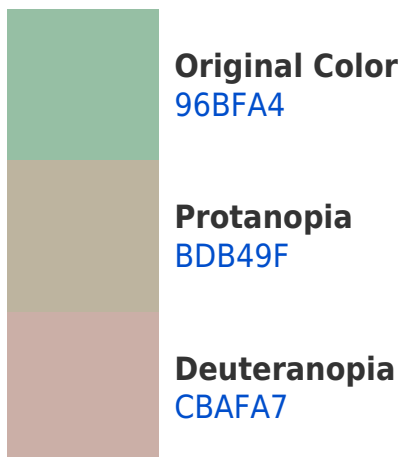


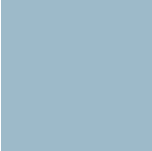
This preview shows how white text looks on a background with the Hex color 96BFA4.

# 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](#).

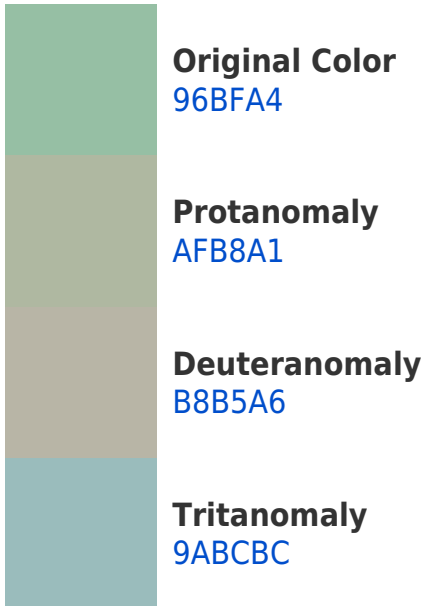
## Dichromacy



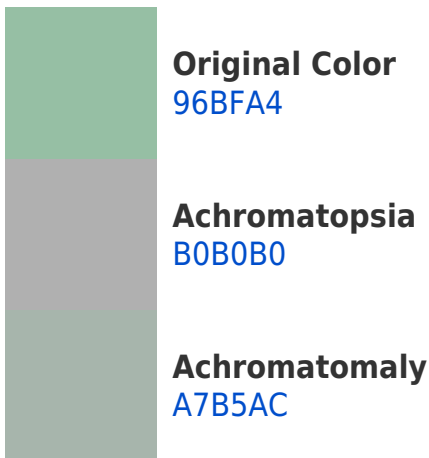


**Tritanopia**  
9DBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96BFA4 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 #96BFA4 looks like.

```
.text, #text, p{  
    color:#96BFA4  
}
```

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 #96BFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BFA4
}
```

## Border

The CSS property to change the border of an element to Hex 96BFA4 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
#96BFA4 }
```

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

```
.border{ border-color:#96BFA4 }
```

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

Here you see how a box with a 4 pixel #96BFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BFA4; -webkit-box-shadow:4px 4px  
4px 4px #96BFA4; box-shadow:4px 4px 4px  
4px #96BFA4 }
```

# Background

The CSS property to change the background color of an element to Hex 96BFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BFA4 }
```

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

```
.background{ background-color:#96BFA4 }
```

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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