

# Converting Colors

Hex(96C992)

Have a look what the booklet for  
Hex(96C992) contains.

<b>Hex(96C992)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(96C992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96C992
RGB	150, 201, 146
RGB Percent	59%, 79%, 57%
CMY	0.4118, 0.2118, 0.4275
CMYK	0.25, 0.00, 0.27, 0.21
HSL	116°, 34%, 68%
HSV	116°, 27%, 79%
XYZ	38.6526, 50.3326, 34.8721
YIQ	179.4810, -12.7410, -27.9170

# Conversions

## Conversions Part 2

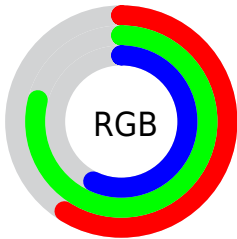
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 201, 197</a>
Decimal	<a href="#">9882002</a>
CIELab	<a href="#">76.27, -27.29, 22.25</a>
CIELCh	<a href="#">76, 35.213, 140.802</a>
Yxy	<a href="#">50.3326, 0.3121, 0.4064</a>
Android (android.graphics.Color)	<a href="#">4288072082 (0xFF96C992)</a>
YUV	<a href="#">179.4810, -16.5061, -25.8548</a>
Hunter-Lab	<a href="#">70.9455, -26.9040, 20.5188</a>

# Details

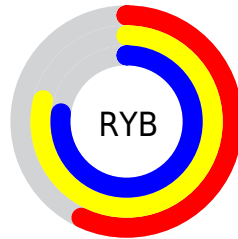
The Hex color **96C992** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C592C9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CDFFC8**, and **62935F** is the 20% darker color. If you saturate the color by 10%, you get **83C97E**, and if you desaturate by 10%, it is **A9C9A6**.

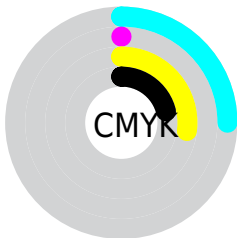
# Distribution



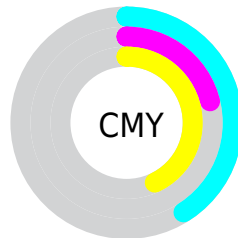
- Red (59%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (41%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96C992 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 96C992 by changing the saturation by 10% instead.



 96C992

 96C992

FFFFFF

 7BAD78

 CDFFC8

 62935F

 EAFFE4

 497947

 306030

 17481A

 003102

 001E00

 000000

 96C992

 96C992

 83C97E

 A9C9A6

 71C96A

 BBC9BA

 5EC956

 CEC9CE

 4BC942

 E1C9E2

 39C92E

 F3C9F7

 26C919

 FFC9FF

 14C905

 0FC900

# Harmonies

## Analogous

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



BBC17F



96C992



6FCDB1

# Triad

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



96C992



80C2FC



FDA4A7

# Complementary

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



96C992



C592C9

# 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.



F5A4C8



96C992



B2B7F9

# Square

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



96C992



55CAEE



DCACE6



F3AC8B

# Rectangle

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



96C992



58CEC7



DCACE6



FCA4B1

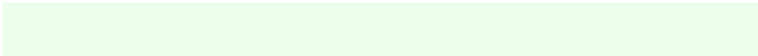


# Sweetspot

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



96C992



ECFFEB



C9C492



748073



000000



808080

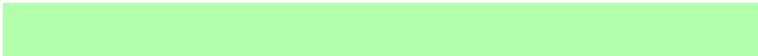


# Same Dimension

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



96C992



B1FFAB



92C9A9



5A635A



0CA300



032400



# Inverse Universe

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



C592C9



F9ABFF



C992B2



635A63



9700A3

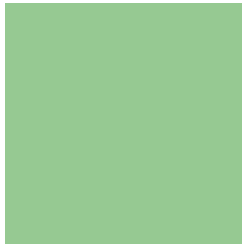


210024



# Previews

## White Background



This preview shows how the Hex color 96C992 looks on a white background.

## Color Contrast Check

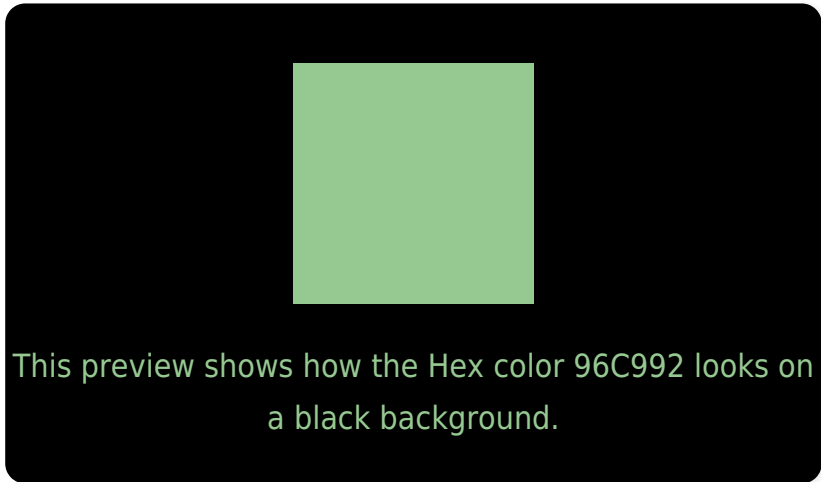
Large Text (above 18pt) WCAG AA × Fail

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

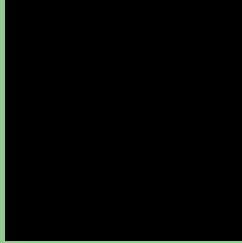
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96C992 Background



This preview shows how black text looks on a background with the Hex color 96C992.

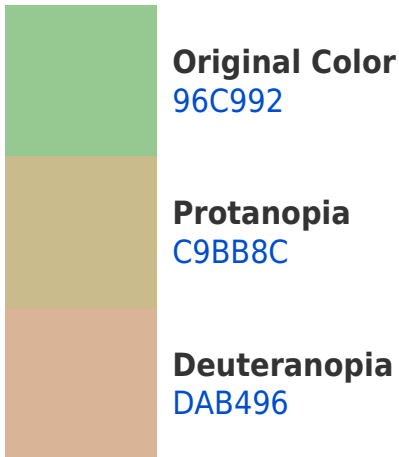


This preview shows how white text looks on a background with the Hex color 96C992.

# Color Blindness Simulation

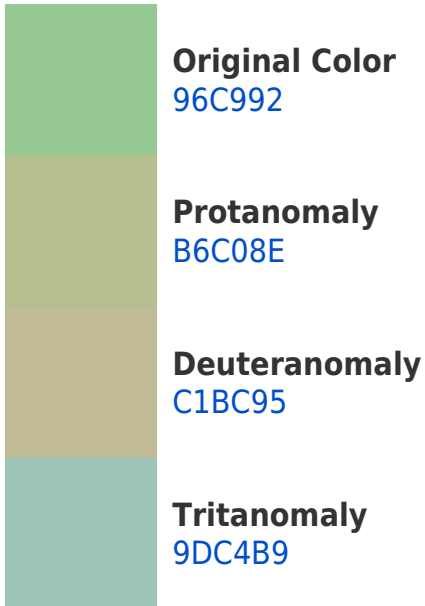
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

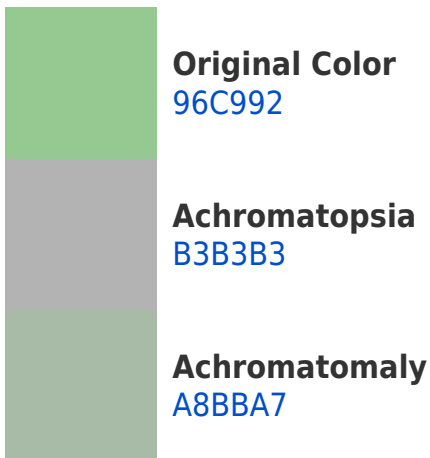




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96C992 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 #96C992 looks like.

```
.text, #text, p{  
    color:#96C992  
}
```

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 #96C992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C992
}
```

## Border

The CSS property to change the border of an element to Hex 96C992 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
#96C992 }
```

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

```
.border{ border-color:#96C992 }
```

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

Here you see how a box with a 4 pixel #96C992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C992; -webkit-box-shadow:4px 4px  
4px 4px #96C992; box-shadow:4px 4px 4px  
4px #96C992 }
```

# Background

The CSS property to change the background color of an element to Hex 96C992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C992 }
```

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

```
.background{ background-color:#96C992 }
```

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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