

# Converting Colors

Hex(97D082)

Have a look what the booklet for  
Hex(97D082) contains.

<b>Hex(97D082)</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(97D082)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97D082
RGB	151, 208, 130
RGB Percent	59%, 82%, 51%
CMY	0.4078, 0.1843, 0.4902
CMYK	0.27, 0.00, 0.38, 0.18
HSL	104°, 45%, 66%
HSV	104°, 38%, 82%
XYZ	39.3476, 53.3028, 29.3337
YIQ	182.0650, -8.9340, -36.3420

# Conversions

## Conversions Part 2

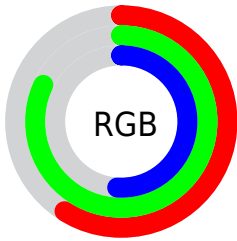
Format	Color
<a href="#">RYB</a>	<a href="#">130, 208, 187</a>
Decimal	<a href="#">9949314</a>
CIELab	<a href="#">78.05, -32.76, 32.99</a>
CIELCh	<a href="#">78, 46.490, 134.797</a>
Yxy	<a href="#">53.3028, 0.3226, 0.4370</a>
Android (android.graphics.Color)	<a href="#">4288139394</a> ( <a href="#">0xFF97D082</a> )
YUV	<a href="#">182.0650, -25.6680, -27.2440</a>
Hunter-Lab	<a href="#">73.0087, -31.5638, 27.2844</a>

# Details

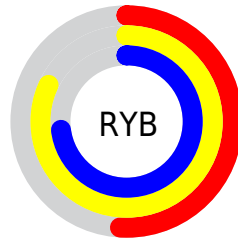
The Hex color **97D082** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BB82D0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CFFFB8**, and **62994F** is the 20% darker color. If you saturate the color by 10%, you get **88D06D**, and if you desaturate by 10%, it is **A6D097**.

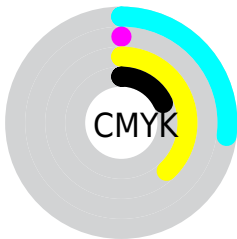
# Distribution



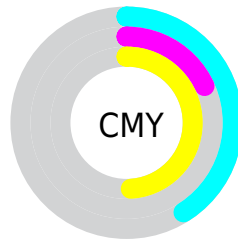
- Red (59%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)



- Cyan (41%)
- Magenta (18%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97D082 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 97D082 by changing the saturation by 10% instead.



 97D082

 97D082

FFFFFF

 7CB468

 CFFFB8

 62994F

 EBFFD4

 487F37

 FFFFF0

 2E6620

 124D06

 003600

 002200

 000000

 97D082

 97D082

 88D06D

 A6D097

 79D058

 B5D0AC

 69D044

 C5D0C0

 5AD02F

 D4D0D5

 4BD01A

 E3D0EA

 3CD005

 F2D0FF

 38D000

 FFD0FF

# Harmonies

## Analogous

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



C7C56C



97D082



5CD6A9

# Triad

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



97D082



4ECCFF



FF9FAD

# Complementary

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



97D082



BB82D0

# 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.



FFA1D9



97D082



A3BEFF

# Square

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



97D082



00D4FD



E0AEFF



FFA886

# Rectangle

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



97D082



1BD8C7



E0AEFF



FF9EBC

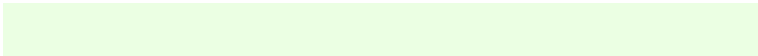


# Sweetspot

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



97D082



EBFFE3



D0BA82



73806F



000000



808080

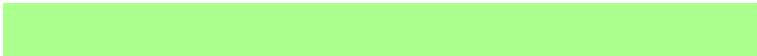


# Same Dimension

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



97D082



ABFF8C



82D093



61695E



2DA800



0B2900



# Inverse Universe

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



BB82D0



E08CFF



D082BF



665E69



7B00A8



1E0029



# Previews

## White Background



This preview shows how the Hex color 97D082 looks on a white background.

## Color Contrast Check

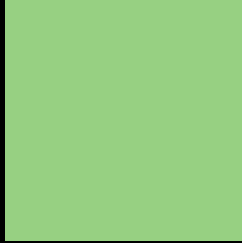
Large Text (above 18pt) WCAG AA × Fail

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 97D082 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

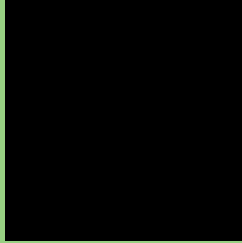
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97D082 Background



This preview shows how black text looks on a background with the Hex color 97D082.

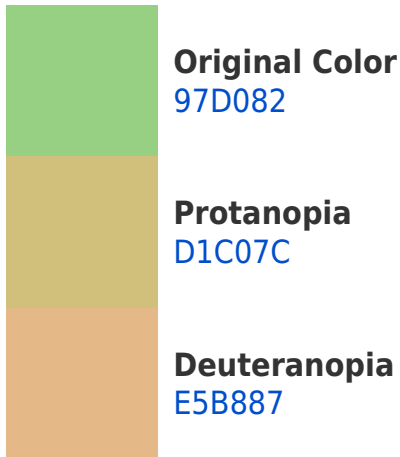


This preview shows how white text looks on a background with the Hex color 97D082.

# Color Blindness Simulation

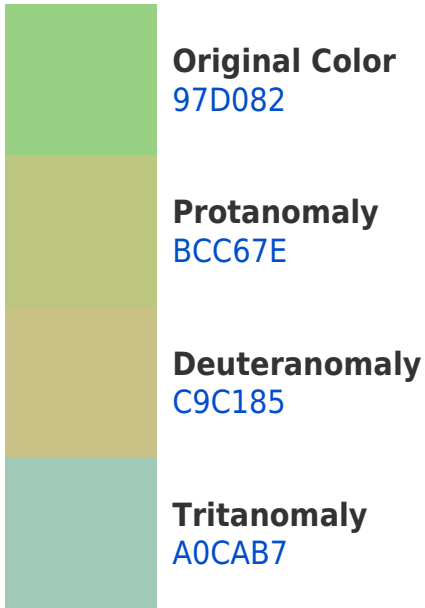
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

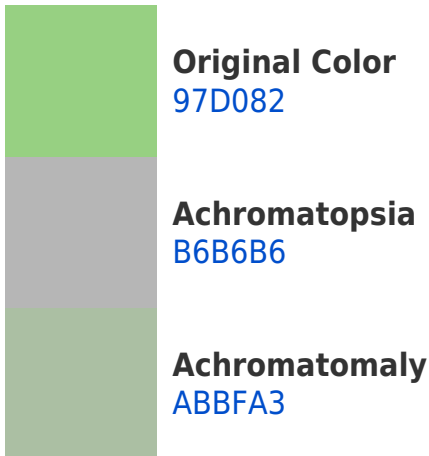




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97D082 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 #97D082 looks like.

```
.text, #text, p{  
    color:#97D082  
}
```

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 #97D082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D082
}
```

## Border

The CSS property to change the border of an element to Hex 97D082 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
#97D082 }
```

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

```
.border{ border-color:#97D082 }
```

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

Here you see how a box with a 4 pixel #97D082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D082; -webkit-box-shadow:4px 4px  
4px 4px #97D082; box-shadow:4px 4px 4px  
4px #97D082 }
```

# Background

The CSS property to change the background color of an element to Hex 97D082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D082 }
```

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

```
.background{ background-color:#97D082 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor