

Converting Colors

Hex(97D177)

Have a look what the booklet for
Hex(97D177) contains.

Hex(97D177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(97D177)

Conversions

Conversions Part 1

Format	Color
Hex	97D177
RGB	151, 209, 119
RGB Percent	59%, 82%, 47%
CMY	0.4078, 0.1804, 0.5333
CMYK	0.28, 0.00, 0.43, 0.18
HSL	99°, 49%, 64%
HSV	99°, 43%, 82%
XYZ	38.8927, 53.5121, 25.7318
YIQ	181.3980, -5.6780, -40.2860

Conversions

Conversions Part 2

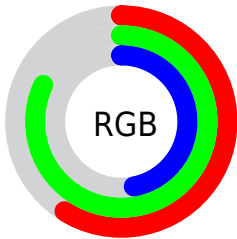
Format	Color
RYB	119, 209, 177
Decimal	9949559
CIELab	78.18, -34.73, 38.72
CIELCh	78, 52.013, 131.888
Yxy	53.5121, 0.3292, 0.4530
Android (android.graphics.Color)	4288139639 (0xFF97D177)
YUV	181.3980, -30.7622, -26.6590
Hunter-Lab	73.1520, -33.1129, 30.3507

Details

The Hex color **97D177** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B177D1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CFFFAC**, and **619A44** is the 20% darker color. If you saturate the color by 10%, you get **8AD162**, and if you desaturate by 10%, it is **A4D18C**.

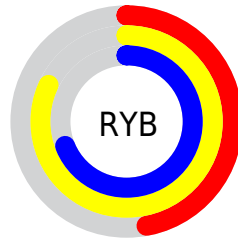
Distribution



Red (59%)

Green (82%)

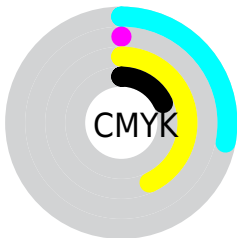
Blue (47%)



Red (47%)

Yellow (82%)

Blue (69%)

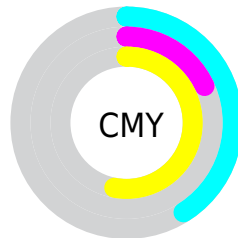


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D177 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 97D177 by changing the saturation by 10% instead.

 97D177

 97D177

FFFFFF

 7CB55D

 CFFFAC

 619A44

 ECFFC8

 47802C

 FFFFE5

 2D6612

 0F4E00

 003600

 002300

 000000

 97D177

 97D177

 8AD162

 A4D18C

 7CD14D

 B2D1A1

 6FD138

 BFD1B6

 61D123

 CDD1CB

 54D10E

 DAD1E0

 4AD100

 E8D1F4

 F5D1FF

 FFD1FF

Harmonies

Analogous

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



CCC560



97D177



51D8A2

Triad

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



97D177



00CFFF



FF9AB0

Complementary

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



97D177



B177D1

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.



FF9EE1



97D177



95C0FF

Square

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



97D177



00D7FF



DEADFF



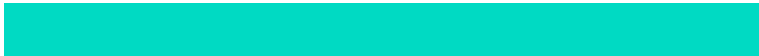
FFA383

Rectangle

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



97D177



00DAC3



DEADFF



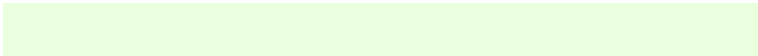
FF99C0

Sweetspot

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



97D177



E AFFDE



D1B077



72806B



000000



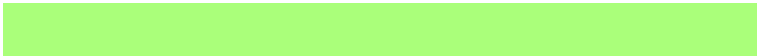
808080

Same Dimension

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



97D177



AAFF7A



77D183



62695E



3CA800



0F2900

Inverse Universe

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



B177D1



D07AFF



D177C5



655E69



6C00A8



1A0029

Previews

White Background



This preview shows how the Hex color 97D177 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 97D177 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 97D177 Background



This preview shows how black text looks on a background with the Hex color 97D177.

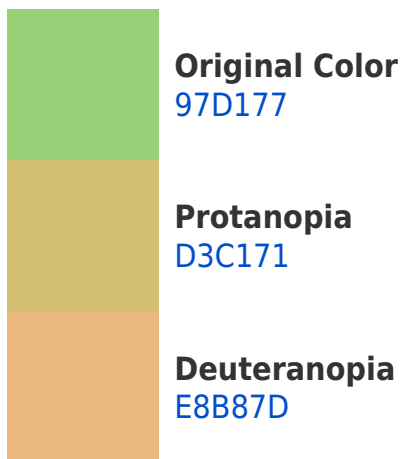


This preview shows how white text looks on a background with the Hex color 97D177.

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](#).

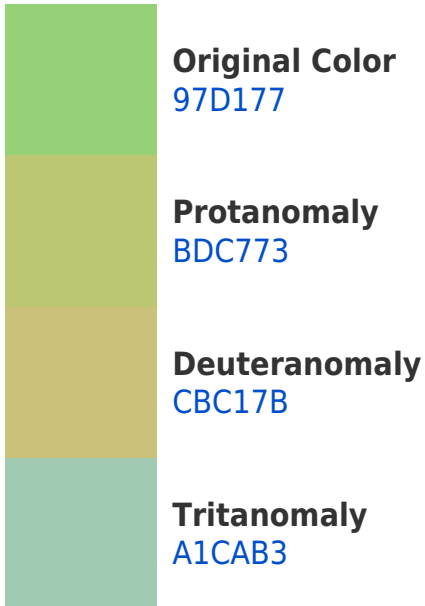
Dichromacy



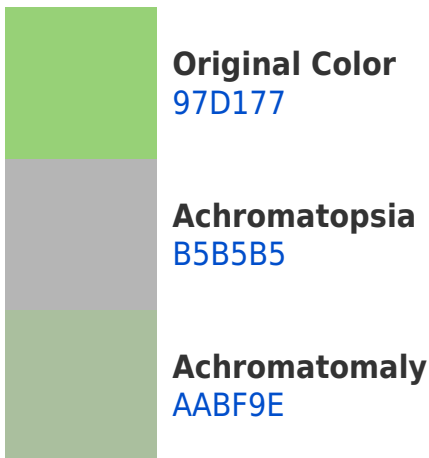


Tritanopia
A6C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97D177 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 #97D177 looks like.

```
.text, #text, p{  
    color:#97D177  
}
```

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 #97D177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D177
}
```

Border

The CSS property to change the border of an element to Hex 97D177 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
#97D177 }
```

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

```
.border{ border-color:#97D177 }
```

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

Here you see how a box with a 4 pixel #97D177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D177; -webkit-box-shadow:4px 4px  
4px 4px #97D177; box-shadow:4px 4px 4px  
4px #97D177 }
```

Background

The CSS property to change the background color of an element to Hex 97D177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D177 }
```

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

```
.background{ background-color:#97D177 }
```

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