

Converting Colors

Hex(98D77D)

Have a look what the booklet for
Hex(98D77D) contains.

| | |
|--|----|
| Hex(98D77D) | 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(98D77D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 98D77D |
| RGB | 152, 215, 125 |
| RGB Percent | 60%, 84%, 49% |
| CMY | 0.4039, 0.1569, 0.5098 |
| CMYK | 0.29, 0.00, 0.42, 0.16 |
| HSL | 102°, 53%, 67% |
| HSV | 102°, 42%, 84% |
| XYZ | 40.9510, 56.7569, 28.1989 |
| YIQ | 185.9030, -8.6580, -41.3460 |

Conversions

Conversions Part 2

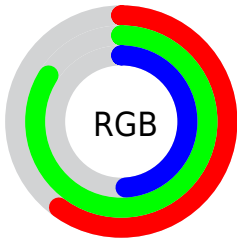
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 215, 188 |
| Decimal | 10016637 |
| CIELab | 80.04, -36.34, 38.11 |
| CIElCh | 80, 52.655, 133.637 |
| Yxy | 56.7569, 0.3252, 0.4508 |
| Android (android.graphics.Color) | 4288206717 (0xFF98D77D) |
| YUV | 185.9030, -30.0252, -29.7329 |
| Hunter-Lab | 75.3372, -34.8130, 30.5437 |

Details

The Hex color **98D77D** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BC7DD7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D0FFB3**, and **62A04A** is the 20% darker color. If you saturate the color by 10%, you get **89D767**, and if you desaturate by 10%, it is **A7D793**.

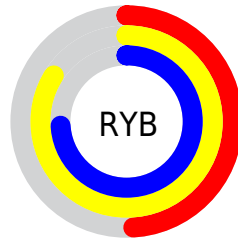
Distribution



Red (60%)

Green (84%)

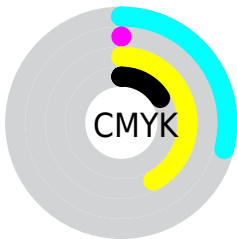
Blue (49%)



Red (49%)

Yellow (84%)

Blue (74%)

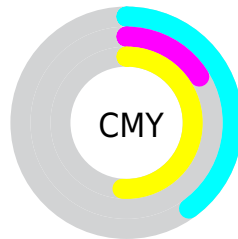


Cyan (29%)

Magenta (0%)

Yellow (42%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98D77D 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 98D77D by changing the saturation by 10% instead.

 98D77D

 98D77D

FFFFFF

 7DBB63

 D0FFB3

 62A04A

 EDFFCF

 488532

 FFFFEB

 2D6C19

 0D5300

 003B00

 002600

 000000

 98D77D

 98D77D

 89D767

 A7D793

 7AD752

 B6D7A8

 6BD73D

 C5D7BE

 5CD727

 D4D7D3

 4DD711

 E3D7E9

 41D700

 F2D7FE

 FFD7FF

Harmonies

Analogous

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



CFCB64



98D77D



4FDEA9

Triad

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



98D77D



19D3FF



FF9EB2

Complementary

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



98D77D



BC7DD7

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.



FFA2E3



98D77D



9FC4FF

Square

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



98D77D



00DDFF



E8B1FF



FFA985

Rectangle

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



98D77D



00E0CB



E8B1FF



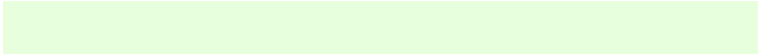
FF9EC2

Sweetspot

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



98D77D



E8FFDE



D7BC7D



71806B



000000



808080

Same Dimension

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



98D77D



A6FF80



7DD78F



646B60



33AB00



0D2B00

Inverse Universe

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



BC7DD7



D980FF



D77DC5



68606B



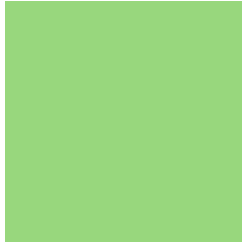
7800AB



1E002B

Previews

White Background



This preview shows how the Hex color 98D77D looks on a white background.

Color Contrast Check

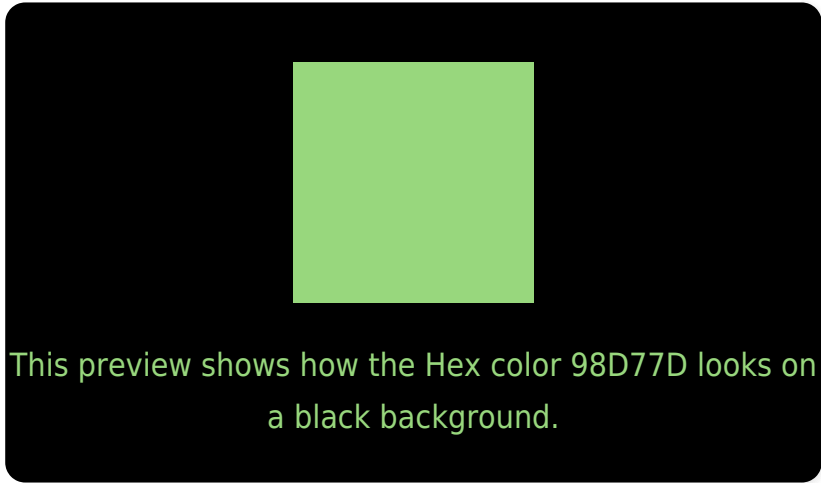
Large Text (above 18pt) WCAG AA × Fail

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 98D77D Background



This preview shows how black text looks on a background with the Hex color 98D77D.

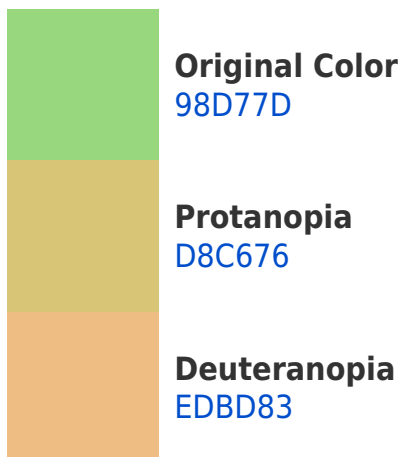


This preview shows how white text looks on a background with the Hex color 98D77D.

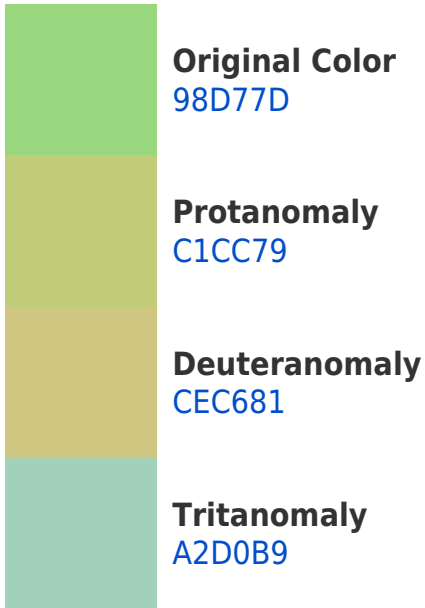
Color Blindness Simulation

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](#).

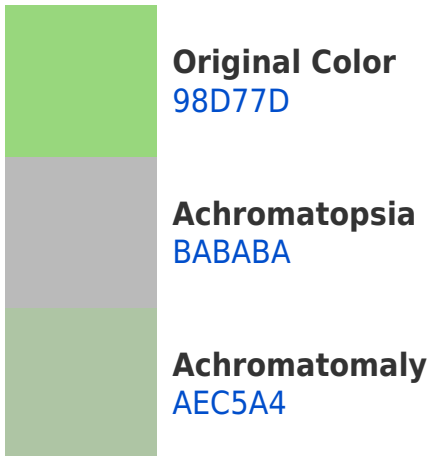
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98D77D 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 #98D77D looks like.

```
.text, #text, p{  
    color:#98D77D  
}
```

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 #98D77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98D77D
}
```

Border

The CSS property to change the border of an element to Hex 98D77D 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
#98D77D }
```

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

```
.border{ border-color:#98D77D }
```

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

Here you see how a box with a 4 pixel #98D77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98D77D; -webkit-box-shadow:4px 4px  
4px 4px #98D77D; box-shadow:4px 4px 4px  
4px #98D77D }
```

Background

The CSS property to change the background color of an element to Hex 98D77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98D77D }
```

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

```
.background{ background-color:#98D77D }
```

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