

Converting Colors

Hex(99D49B)

Have a look what the booklet for
Hex(99D49B) contains.

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Color

Hex(99D49B)

Conversions

Conversions Part 1

Format	Color
Hex	99D49B
RGB	153, 212, 155
RGB Percent	60%, 83%, 61%
CMY	0.4000, 0.1686, 0.3922
CMYK	0.28, 0.00, 0.27, 0.17
HSL	122°, 41%, 72%
HSV	122°, 28%, 83%
XYZ	42.5967, 56.2258, 39.6179
YIQ	187.8610, -16.8670, -30.2350

Conversions

Conversions Part 2

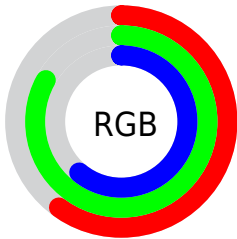
Format	Color
RYB	153, 210, 212
Decimal	10081435
CIELab	79.74, -30.05, 22.29
CIELCh	80, 37.414, 143.431
Yxy	56.2258, 0.3077, 0.4061
Android (android.graphics.Color)	4288271515 (0xFF99D49B)
YUV	187.8610, -16.2005, -30.5731
Hunter-Lab	74.9839, -29.8198, 21.1627

Details

The Hex color **99D49B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D499D2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D1FFD2**, and **649D67** is the 20% darker color. If you saturate the color by 10%, you get **84D487**, and if you desaturate by 10%, it is **AED4AF**.

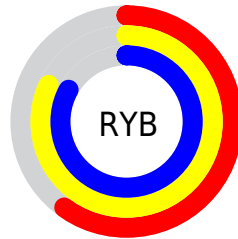
Distribution



Red (60%)

Green (83%)

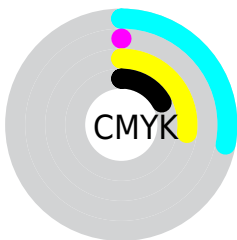
Blue (61%)



Red (60%)

Yellow (82%)

Blue (83%)

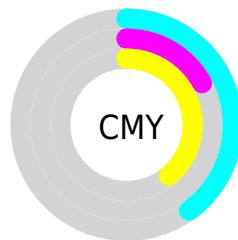


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (17%)



Cyan (40%)

Magenta (17%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99D49B 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 99D49B by changing the saturation by 10% instead.

 99D49B

 99D49B

FFFFFF

 7EB881

 D1FFD2

 649D67

 EDFEE

 4B834F

 316938

 175121

 00390C

 002400

 000000

 99D49B

 99D49B

 84D487

 AED4AF

 6FD472

 C3D4C4

 59D45E

 D9D4D8

 44D449

 EED4ED

 2FD435

 FFD4FF

 1AD420

 05D40C

 00D407

Harmonies

Analogous

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



C1CC85



99D49B



6FD8BC

Triad

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



99D49B



8ACBFF



FFADAC

Complementary

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



99D49B



D499D2

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.



FFACCF



99D49B



BFBFFF

Square

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



99D49B



58D4FD



EBB3F0



FFB58F

Rectangle

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



99D49B



56D9D5



EBB3F0



FFABB7

Sweetspot

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



99D49B



EBFFEB



D2D499



738073



000000



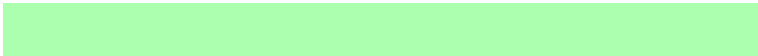
808080

Same Dimension

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



99D49B



ABFFAE



99D4B8



606B61



00AB06



002B01

Inverse Universe

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



D499D2



FFABFC



D499B5



6B606B



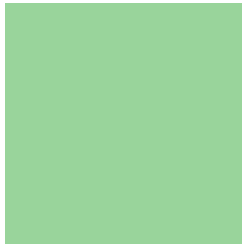
AB00A5



2B002A

Previews

White Background



This preview shows how the Hex color 99D49B 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 99D49B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

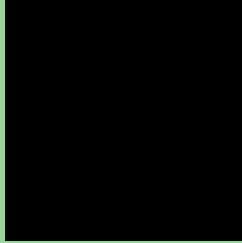
Any Text WCAG AA ✓ Pass

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 99D49B Background



This preview shows how black text looks on a background with the Hex color 99D49B.

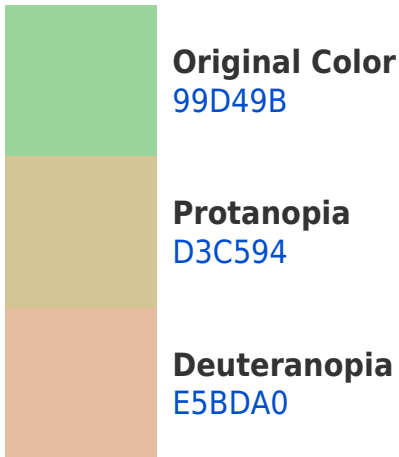


This preview shows how white text looks on a background with the Hex color 99D49B.

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



Original Color
99D49B



Protanomaly
BECA97



Deuteranomaly
C9C59E



Tritanomaly
A1CFC4

Monochromacy



Original Color
99D49B



Achromatopsia
BCBCBC



Achromatomaly
AFC5B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 99D49B 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 #99D49B looks like.

```
.text, #text, p{  
    color:#99D49B  
}
```

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 #99D49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D49B
}
```

Border

The CSS property to change the border of an element to Hex 99D49B 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
#99D49B }
```

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

```
.border{ border-color:#99D49B }
```

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

Here you see how a box with a 4 pixel #99D49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D49B; -webkit-box-shadow:4px 4px  
4px 4px #99D49B; box-shadow:4px 4px 4px  
4px #99D49B }
```

Background

The CSS property to change the background color of an element to Hex 99D49B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D49B }
```

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

```
.background{ background-color:#99D49B }
```

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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