

Converting Colors

Hex(9DC47B)

Have a look what the booklet for
Hex(9DC47B) contains.

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Color

Hex(9DC47B)

Conversions

Conversions Part 1

Format	Color
Hex	9DC47B
RGB	157, 196, 123
RGB Percent	62%, 77%, 48%
CMY	0.3843, 0.2314, 0.5176
CMYK	0.20, 0.00, 0.37, 0.23
HSL	92°, 38%, 63%
HSV	92°, 37%, 77%
XYZ	37.2197, 48.0780, 26.0572
YIQ	176.0170, 0.1890, -30.9710

Conversions

Conversions Part 2

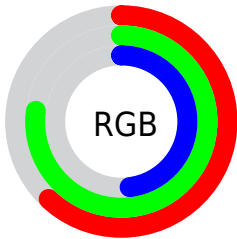
Format	Color
RYB	123, 196, 162
Decimal	10339451
CIELab	74.87, -25.89, 32.51
CIElCh	75, 41.562, 128.539
Yxy	48.0780, 0.3342, 0.4318
Android (android.graphics.Color)	4288529531 (0xFF9DC47B)
YUV	176.0170, -26.1374, -16.6779
Hunter-Lab	69.3383, -25.5261, 26.2558

Details

The Hex color **9DC47B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A27BC4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D5FDB0**, and **688E49** is the 20% darker color. If you saturate the color by 10%, you get **93C467**, and if you desaturate by 10%, it is **A7C48F**.

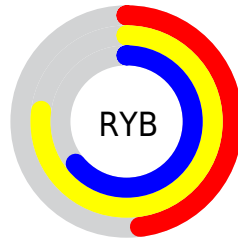
Distribution



Red (62%)

Green (77%)

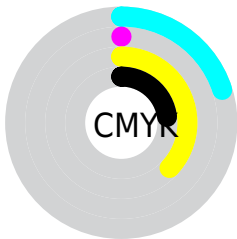
Blue (48%)



Red (48%)

Yellow (77%)

Blue (64%)

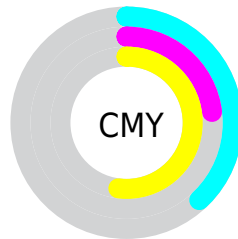


Cyan (20%)

Magenta (0%)

Yellow (37%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC47B 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 9DC47B by changing the saturation by 10% instead.

 9DC47B

 9DC47B

FFFFFF

 82A962

 D5FDB0

 688E49

 F1FFCC

 4F7431

 FFFFE8

 365C1A

 1E4401

 042D00

 001A00

 000000

 9DC47B

 9DC47B

 93C467

 A7C48F

 88C454

 B2C4A2

 7EC440

 BCC4B6

 73C42D

 C7C4C9

 69C419

 D1C4DD

 5EC405

 DCC4F1

 5BC400

 E6C4FF

 F1C4FF

 FBC4FF

Harmonies

Analogous

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



C7BA6B



9DC47B



6DCA9B

Triad

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



9DC47B



4BC4FF



FF9AAF

Complementary

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



9DC47B



A27BC4

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.



F19ED5



9DC47B



92B8FF

Square

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



9DC47B



00CBE7



CBAAF4



FEA08A

Rectangle

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



9DC47B



47CCB5



CBAAF4



FF9ABC

Sweetspot

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



9DC47B



F0FFE3



C4A27B



77806F



000000



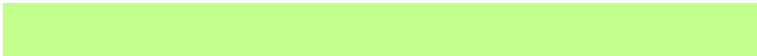
808080

Same Dimension

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



9DC47B



C2FF8C



7BC47D



5C6157



4BA100



0F2100

Inverse Universe

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



A27BC4



CA8CFF



C47BC2



5C5761



5600A1



120021

Previews

White Background



This preview shows how the Hex color 9DC47B looks on a white background.

Color Contrast Check

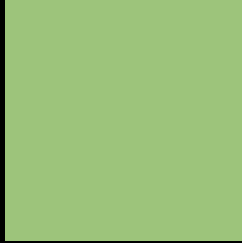
Large Text (above 18pt) WCAG AA × Fail

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 9DC47B 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 9DC47B Background



This preview shows how black text looks on a background with the Hex color 9DC47B.

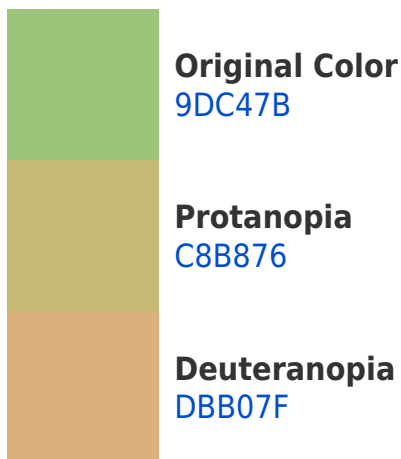


This preview shows how white text looks on a background with the Hex color 9DC47B.

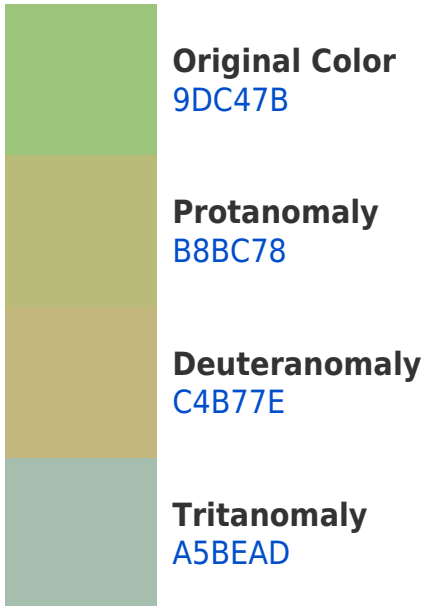
Color Blindness Simulation

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](#).

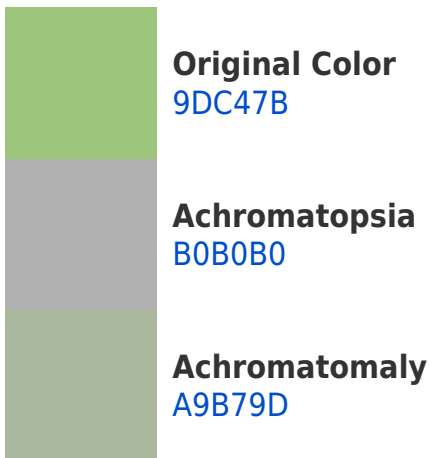
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC47B 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 #9DC47B looks like.

```
.text, #text, p{  
    color:#9DC47B  
}
```

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 #9DC47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC47B
}
```

Border

The CSS property to change the border of an element to Hex 9DC47B 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
#9DC47B }
```

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

```
.border{ border-color:#9DC47B }
```

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

Here you see how a box with a 4 pixel #9DC47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC47B; -webkit-box-shadow:4px 4px  
4px 4px #9DC47B; box-shadow:4px 4px 4px  
4px #9DC47B }
```

Background

The CSS property to change the background color of an element to Hex 9DC47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC47B }
```

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

```
.background{ background-color:#9DC47B }
```

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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