

Converting Colors

Hex(9DBD70)

Have a look what the booklet for
Hex(9DBD70) contains.

Hex(9DBD70)	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(9DBD70)

Conversions

Conversions Part 1

Format	Color
Hex	9DBD70
RGB	157, 189, 112
RGB Percent	62%, 74%, 44%
CMY	0.3843, 0.2588, 0.5608
CMYK	0.17, 0.00, 0.41, 0.26
HSL	85°, 37%, 59%
HSV	85°, 41%, 74%
XYZ	35.0269, 44.7331, 22.1175
YIQ	170.6540, 5.6450, -30.7310

Conversions

Conversions Part 2

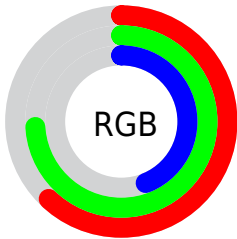
Format	Color
RYB	112, 189, 144
Decimal	10337648
CIELab	72.72, -23.92, 35.39
CIELCh	73, 42.717, 124.056
Yxy	44.7331, 0.3438, 0.4391
Android (android.graphics.Color)	4288527728 (0xFF9DBD70)
YUV	170.6540, -28.9164, -11.9746
Hunter-Lab	66.8828, -23.5637, 27.2114

Details

The Hex color **9DBD70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9070BD**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D5F5A5**, and **68883E** is the 20% darker color. If you saturate the color by 10%, you get **95BD5D**, and if you desaturate by 10%, it is **A5BD83**.

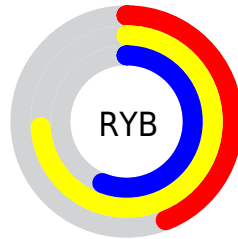
Distribution



Red (62%)

Green (74%)

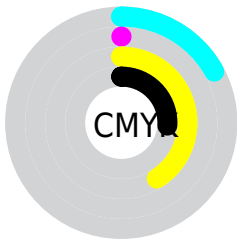
Blue (44%)



Red (44%)

Yellow (74%)

Blue (56%)

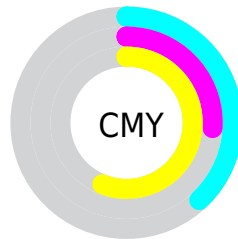


Cyan (17%)

Magenta (0%)

Yellow (41%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DBD70 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 9DBD70 by changing the saturation by 10% instead.



9DBD70



9DBD70

FFFFFF



82A257



D5F5A5



68883E



F1FFC0



4F6E26



FFFFDC



36560D



FFFFF9



1F3E00



042800



001100



000000



9DBD70



9DBD70

 95BD5D

 A5BD83

 8DBD4A

 ADBD96

 85BD37

 B5BDA9

 7EBD24

 BCBDBC

 76BD11

 C4BDCF

 6EBD00

 CCBDE1

 D4BDF4

 DCBDFE

 E4BDFE

Harmonies

Analogous

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



C6B263



9DBD70



6CC48F

Triad

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



9DBD70



29C0F8



FC93AF

Complementary

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



9DBD70



9070BD

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.



E899D5



9DBD70



80B5FF

Square

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



9DBD70



00C6DD



BDA6F3



FB9889

Rectangle

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



9DBD70



44C7A9



BDA6F3



F894BC

Sweetspot

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



9DBD70



E9F5D7



BD8F70



737A69



FAFAFA



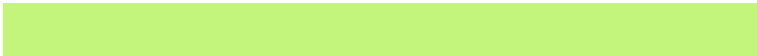
7A7A7A

Same Dimension

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



9DBD70



C3F57D



78BD70



5A5E55



5C9E00



121F00

Inverse Universe

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



9070BD



AF7DF5



B570BD



59555E



42009E



0D001F

Previews

White Background



This preview shows how the Hex color 9DBD70 looks on a white background.

Color Contrast Check

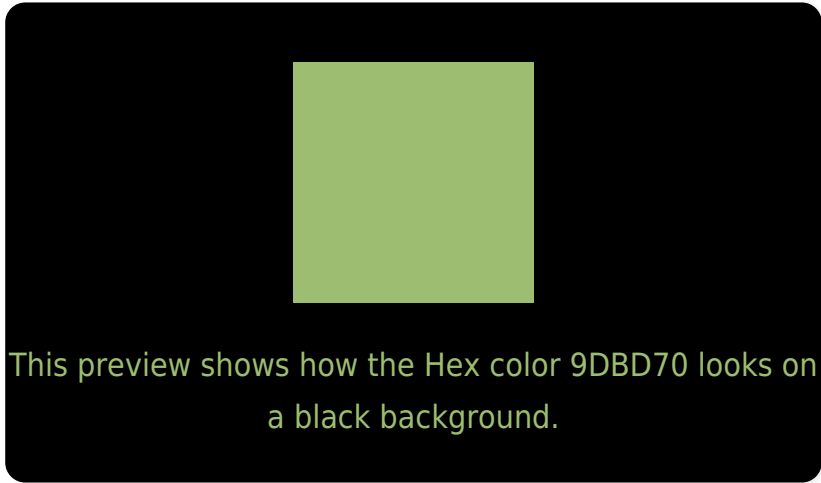
Large Text (above 18pt) WCAG AA × Fail

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 9DBD70 Background



This preview shows how black text looks on a background with the Hex color 9DBD70.

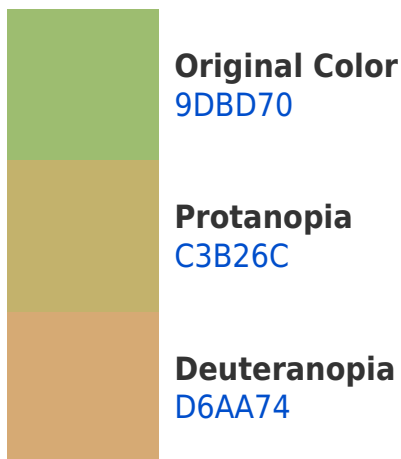


This preview shows how white text looks on a background with the Hex color 9DBD70.

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](#).

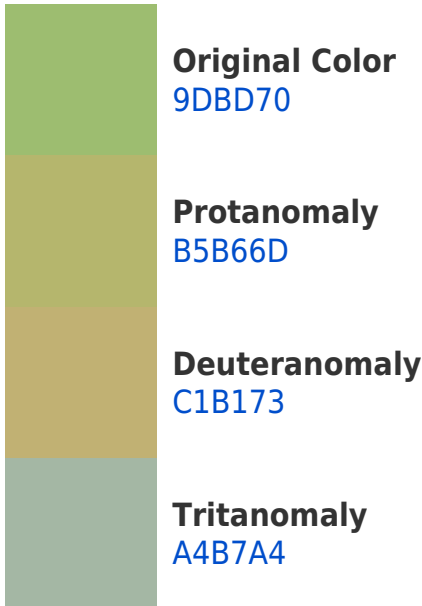
Dichromacy



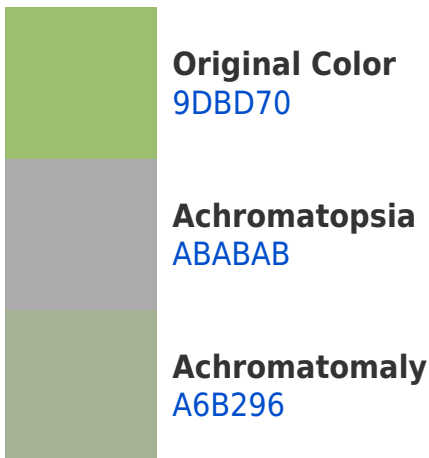


Tritanopia
A8B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DBD70 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 #9DBD70 looks like.

```
.text, #text, p{  
    color:#9DBD70  
}
```

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 #9DBD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBD70  
}
```

Border

The CSS property to change the border of an element to Hex 9DBD70 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  
#9DBD70 }
```

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

```
.border{ border-color:#9DBD70 }
```

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

Here you see how a box with a 4 pixel #9DBD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBD70; -webkit-box-shadow:4px 4px  
4px 4px #9DBD70; box-shadow:4px 4px 4px  
4px #9DBD70 }
```

Background

The CSS property to change the background color of an element to Hex 9DBD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBD70 }
```

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

```
.background{ background-color:#9DBD70 }
```

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