

# Converting Colors

Hex(9DB676)

Have a look what the booklet for  
Hex(9DB676) contains.

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# **Color**

**Hex(9DB676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DB676
RGB	157, 182, 118
RGB Percent	62%, 71%, 46%
CMY	0.3843, 0.2863, 0.5373
CMYK	0.14, 0.00, 0.35, 0.29
HSL	83°, 30%, 59%
HSV	83°, 35%, 71%
XYZ	33.9026, 41.9320, 23.4464
YIQ	167.2290, 5.6440, -25.2040

# Conversions

## Conversions Part 2

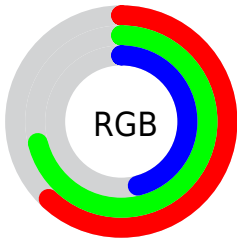
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 182, 143
Decimal	10335862
CIELab	70.82, -19.64, 29.82
CIElCh	71, 35.709, 123.376
Yxy	41.9320, 0.3415, 0.4224
Android (android.graphics.Color)	4288525942 (0xFF9DB676)
YUV	167.2290, -24.2699, -8.9708
Hunter-Lab	64.7549, -19.8670, 23.8608

# Details

The Hex color **9DB676** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **8F76B6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D4EEAB**, and **698145** is the 20% darker color. If you saturate the color by 10%, you get **96B664**, and if you desaturate by 10%, it is **A4B688**.

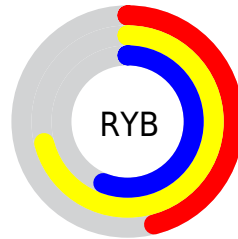
# Distribution



Red (62%)

Green (71%)

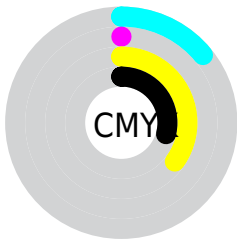
Blue (46%)



Red (46%)

Yellow (71%)

Blue (56%)

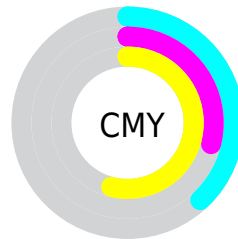


Cyan (14%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (38%)

Magenta (29%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DB676 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 9DB676 by changing the saturation by 10% instead.





9DB676



9DB676

FFFFFF



829B5D



D4EEAB



698145



F1FFC6



50682D



FFFFE2



385016



213900



082300



000600



000000



9DB676



9DB676

 96B664

 A4B688

 8FB652

 ABB69A

 88B63F

 B2B6AD

 81B62D

 B9B6BF

 79B61B

 C1B6D1

 72B609

 C8B6E3

 6FB600

 CFB6F5

 D6B6FF

 DDB6FF

# Harmonies

## Analogous

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



C0AD6C



9DB676



76BC8F

# Triad

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



9DB676



51B8E7



EB94AB

# Complementary

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



9DB676



8F76B6

# 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.



DA99CB



9DB676



86AFEE

# Square

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



9DB676



33BED0



B6A4E4



EB988B

# Rectangle

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



9DB676



5BBEA5



B6A4E4



E895B6



# Sweetspot

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



9DB676



E3EDD3



B68F76



727868



F7F7F7



787878



# Same Dimension

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



9DB676



C6ED8A



7DB676



585C53



5F9C00



111C00



# Inverse Universe

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



8F76B6



B08AED



AF76B6



56535C



3D009C



0B001C



# Previews

## White Background



This preview shows how the Hex color 9DB676 looks on a white background.

## Color Contrast Check

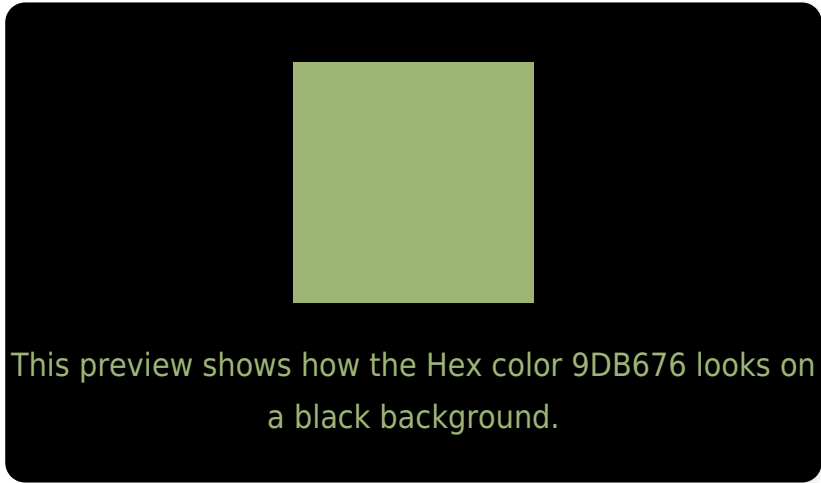
Large Text (above 18pt) WCAG AA × Fail

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 9DB676 Background



This preview shows how black text looks on a background with the Hex color 9DB676.

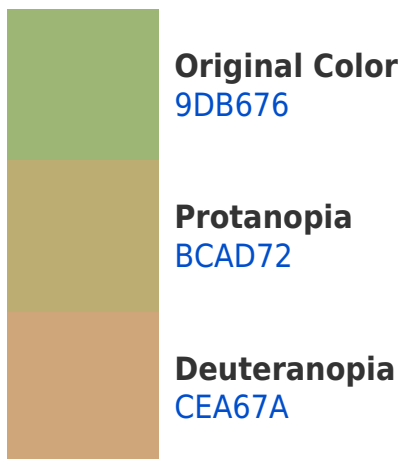


This preview shows how white text looks on a background with the Hex color 9DB676.

# 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**  
A7ADBB

# Trichromacy



**Original Color**  
9DB676

**Protanomaly**  
B1B073

**Deuteranomaly**  
BCAC79

**Tritanomaly**  
A3B0A2

# Monochromacy



**Original Color**  
9DB676

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A3AC95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DB676 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 #9DB676 looks like.

```
.text, #text, p{  
    color:#9DB676  
}
```

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 #9DB676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB676
}
```

## Border

The CSS property to change the border of an element to Hex 9DB676 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
#9DB676 }
```

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

```
.border{ border-color:#9DB676 }
```

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

Here you see how a box with a 4 pixel #9DB676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB676; -webkit-box-shadow:4px 4px  
4px 4px #9DB676; box-shadow:4px 4px 4px  
4px #9DB676 }
```

# Background

The CSS property to change the background color of an element to Hex 9DB676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB676 }
```

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

```
.background{ background-color:#9DB676 }
```

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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