

# Converting Colors

Hex(9DC269)

Have a look what the booklet for  
Hex(9DC269) contains.

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**Color**

**Hex(9DC269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DC269
RGB	157, 194, 105
RGB Percent	62%, 76%, 41%
CMY	0.3843, 0.2392, 0.5882
CMYK	0.19, 0.00, 0.46, 0.24
HSL	85°, 42%, 59%
HSV	85°, 46%, 76%
XYZ	35.7462, 46.7716, 20.5084
YIQ	172.7910, 6.5170, -35.5230

# Conversions

## Conversions Part 2

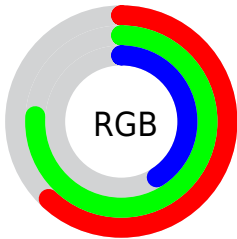
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 194, 142</a>
Decimal	<a href="#">10338921</a>
CIELab	<a href="#">74.04, -27.21, 40.60</a>
CIELCh	<a href="#">74, 48.875, 123.825</a>
Yxy	<a href="#">46.7716, 0.3470, 0.4540</a>
Android (android.graphics.Color)	<a href="#">4288529001 (0xFF9DC269)</a>
YUV	<a href="#">172.7910, -33.4210, -13.8487</a>
Hunter-Lab	<a href="#">68.3898, -26.3830, 30.0932</a>

# Details

The Hex color **9DC269** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8E69C2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D5FB9E**, and **688C37** is the 20% darker color. If you saturate the color by 10%, you get **95C256**, and if you desaturate by 10%, it is **A5C27C**.

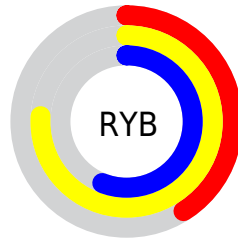
# Distribution



Red (62%)

Green (76%)

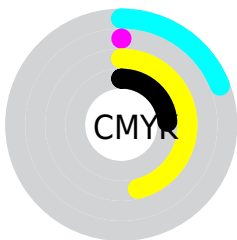
Blue (41%)



Red (41%)

Yellow (76%)

Blue (56%)

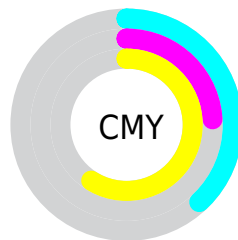


Cyan (19%)

Magenta (0%)

Yellow (46%)

Black (24%)



Cyan (38%)

Magenta (24%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC269 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 9DC269 by changing the saturation by 10% instead.



 9DC269

 9DC269

FFFFFF

 82A750

 D5FB9E

 688C37

 F2FFB9

 4E731E

 FFFFD5

 355A01

 FFFFF2

 1D4200

 002C00

 001700

 000000

 9DC269

 9DC269

 95C256

 A5C27C

 8DC242

 ADC290

 85C22F

 B5C2A3

 7DC21B

 BDC2B7

 75C208

 C5C2CA

 71C200

 CDC2DD

 D5C2F1

 DEC2FF

 E6C2FF

# Harmonies

## Analogous

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



CCB55A



9DC269



63CA8D

# Triad

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



9DC269



00C5FF



FF91B2

# Complementary

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



9DC269



8E69C2

# 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.



F398DE



9DC269



76B9FF

# Square

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



9DC269



00CCE7



C2A8FF



FF9786

# Rectangle

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



9DC269



23CDAB



C2A8FF



FF92C1

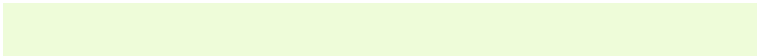


# Sweetspot

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



9DC269



EEFCD9



C28D69



76806A



000000



808080

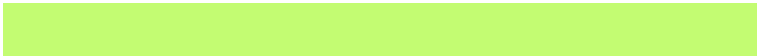


# Same Dimension

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



9DC269



C3FC72



72C269



5D6157



5EA100



132100



# Inverse Universe

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



8E69C2



AB72FC



B969C2



5B5761



4300A1



0E0021



# Previews

## White Background



This preview shows how the Hex color 9DC269 looks on a white background.

## Color Contrast Check

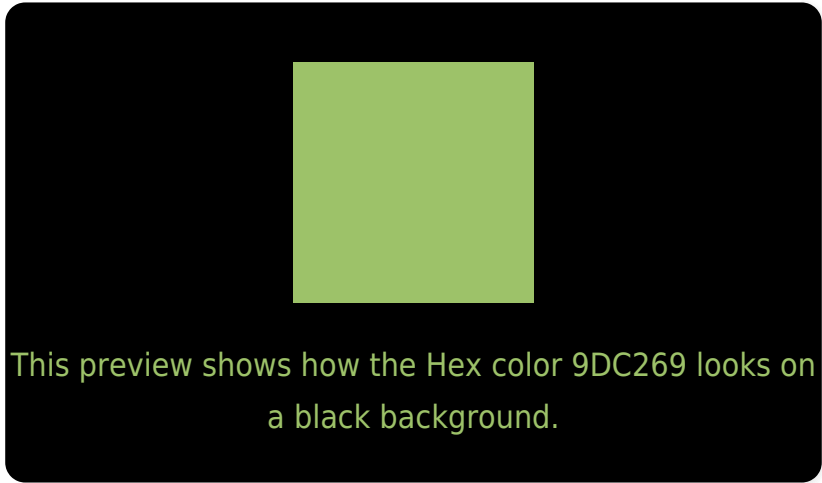
Large Text (above 18pt) WCAG AA × Fail

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 9DC269 Background



This preview shows how black text looks on a background with the Hex color 9DC269.

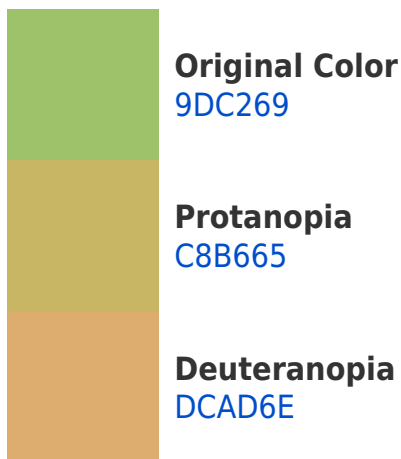


This preview shows how white text looks on a background with the Hex color 9DC269.

# 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](#).

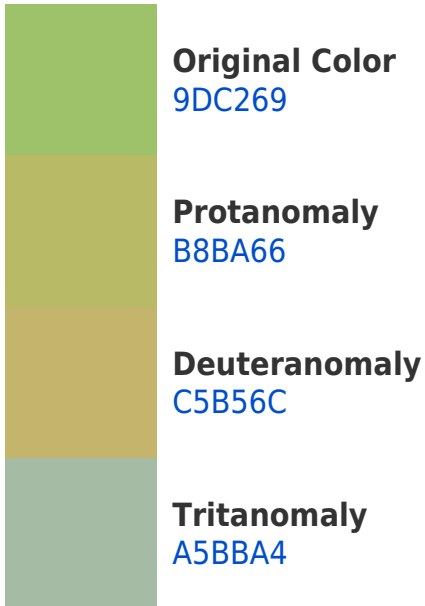
## Dichromacy



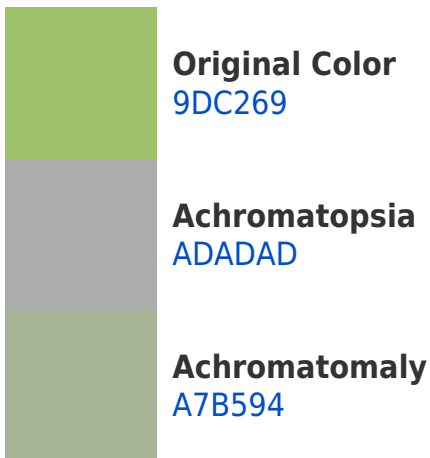


**Tritanopia**  
AAB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC269 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 #9DC269 looks like.

```
.text, #text, p{  
    color:#9DC269  
}
```

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 #9DC269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC269
}
```

## Border

The CSS property to change the border of an element to Hex 9DC269 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
#9DC269 }
```

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

```
.border{ border-color:#9DC269 }
```

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

Here you see how a box with a 4 pixel #9DC269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC269; -webkit-box-shadow:4px 4px  
4px 4px #9DC269; box-shadow:4px 4px 4px  
4px #9DC269 }
```

# Background

The CSS property to change the background color of an element to Hex 9DC269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC269 }
```

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

```
.background{ background-color:#9DC269 }
```

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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