

Converting Colors

Hex(9DC869)

Have a look what the booklet for
Hex(9DC869) contains.

Hex(9DC869)	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(9DC869)

Conversions

Conversions Part 1

Format	Color
Hex	9DC869
RGB	157, 200, 105
RGB Percent	62%, 78%, 41%
CMY	0.3843, 0.2157, 0.5882
CMYK	0.21, 0.00, 0.48, 0.22
HSL	87°, 46%, 60%
HSV	87°, 48%, 78%
XYZ	37.1087, 49.4966, 20.9626
YIQ	176.3130, 4.8670, -38.6610

Conversions

Conversions Part 2

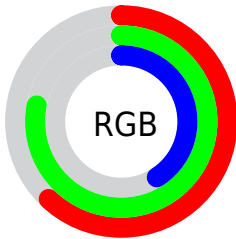
Format	Color
RYB	105, 200, 148
Decimal	10340457
CIELab	75.76, -30.07, 42.72
CIELCh	76, 52.245, 125.144
Yxy	49.4966, 0.3450, 0.4601
Android (android.graphics.Color)	4288530537 (0xFF9DC869)
YUV	176.3130, -35.1573, -16.9375
Hunter-Lab	70.3538, -28.9678, 31.5817

Details

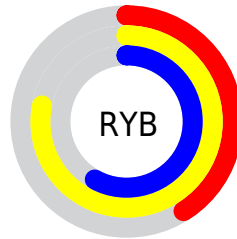
The Hex color **9DC869** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9469C8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D5FF9E**, and **679236** is the 20% darker color. If you saturate the color by 10%, you get **94C855**, and if you desaturate by 10%, it is **A6C87D**.

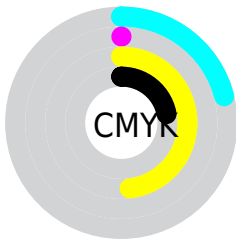
Distribution



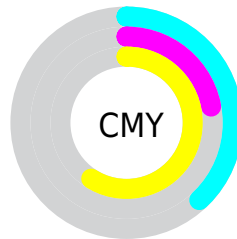
- Red (62%)
- Green (78%)
- Blue (41%)



- Red (41%)
- Yellow (78%)
- Blue (58%)



- Cyan (21%)
- Magenta (0%)
- Yellow (48%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC869 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 9DC869 by changing the saturation by 10% instead.

 9DC869

 9DC869

FFFFFF

 82AD4F

 D5FF9E

 679236

 F2FFB9

 4D781D

 FFFFD6

 345F00

 FFFFF2

 1B4700

 003000

 001D00

 000000

 9DC869

 9DC869

 94C855

 A6C87D

 8BC841

 AFC891

 82C82D

 B8C8A5

 79C819

 C1C8B9

 70C805

 CAC8CD

 6DC800

 D3C8E1

 DCC8F5

 E5C8FF

 EEC8FF

Harmonies

Analogous

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



D0BB58



9DC869



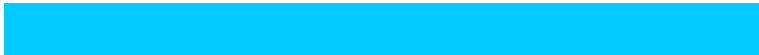
5CD090

Triad

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



9DC869



00CAFF



FF92B4

Complementary

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



9DC869



9469C8

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.



FD9AE4



9DC869



78BDFF

Square

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



9DC869



00D2F1



CAABFF



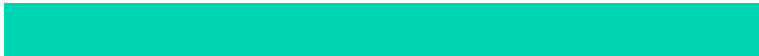
FF9986

Rectangle

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



9DC869



00D3B1



CAABFF



FF93C5

Sweetspot

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



9DC869



EFFFDB



C89469



76806A



000000



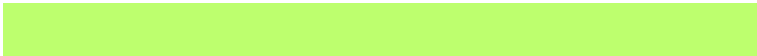
808080

Same Dimension

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



9DC869



BDF6E



6EC869



5F635A



59A300



142400

Inverse Universe

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



9469C8



AF6EFF



C369C8



5E5A63



4A00A3



100024

Previews

White Background



This preview shows how the Hex color 9DC869 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 9DC869 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 9DC869 Background



This preview shows how black text looks on a background with the Hex color 9DC869.

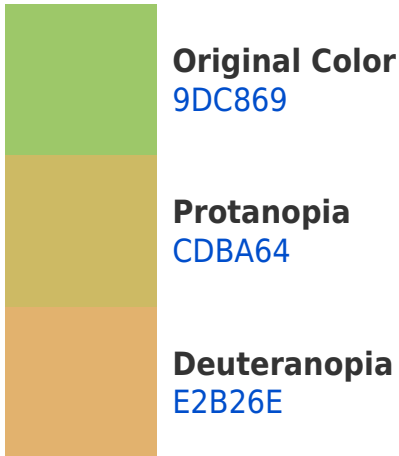


This preview shows how white text looks on a background with the Hex color 9DC869.

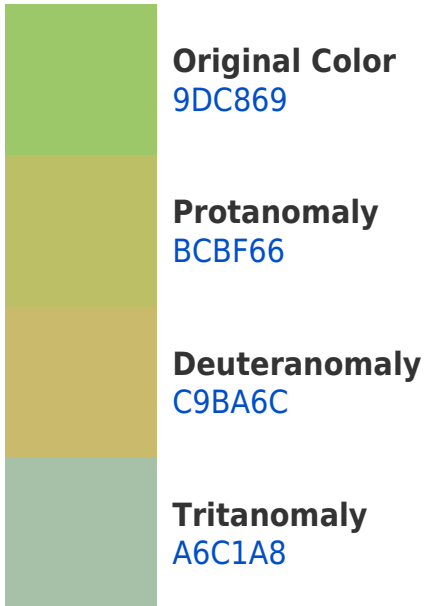
Color Blindness Simulation

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 9DC869 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 #9DC869 looks like.

```
.text, #text, p{  
    color:#9DC869  
}
```

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 #9DC869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC869
}
```

Border

The CSS property to change the border of an element to Hex 9DC869 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
#9DC869 }
```

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

```
.border{ border-color:#9DC869 }
```

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

Here you see how a box with a 4 pixel #9DC869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC869; -webkit-box-shadow:4px 4px  
4px 4px #9DC869; box-shadow:4px 4px 4px  
4px #9DC869 }
```

Background

The CSS property to change the background color of an element to Hex 9DC869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC869 }
```

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

```
.background{ background-color:#9DC869 }
```

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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