

Converting Colors

Hex(9CCA68)

Have a look what the booklet for
Hex(9CCA68) contains.

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Color

Hex(9CCA68)

Conversions

Conversions Part 1

Format	Color
Hex	9CCA68
RGB	156, 202, 104
RGB Percent	61%, 79%, 41%
CMY	0.3882, 0.2078, 0.5922
CMYK	0.23, 0.00, 0.49, 0.21
HSL	88°, 48%, 60%
HSV	88°, 49%, 79%
XYZ	37.3295, 50.3085, 20.8397
YIQ	177.0740, 4.0420, -40.2300

Conversions

Conversions Part 2

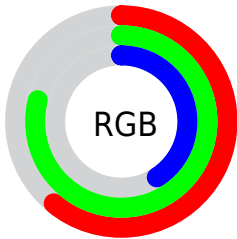
Format	Color
RYB	104, 202, 150
Decimal	10275432
CIELab	76.26, -31.50, 43.81
CIELCh	76, 53.957, 125.720
Yxy	50.3085, 0.3441, 0.4638
Android (android.graphics.Color)	4288465512 (0xFF9CCA68)
YUV	177.0740, -36.0255, -18.4819
Hunter-Lab	70.9285, -30.1806, 32.2297

Details

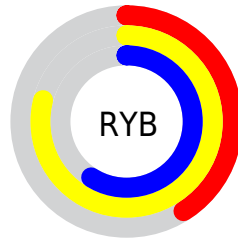
The Hex color **9CCA68** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9668CA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D4FF9D**, and **669435** is the 20% darker color. If you saturate the color by 10%, you get **93CA54**, and if you desaturate by 10%, it is **A5CA7C**.

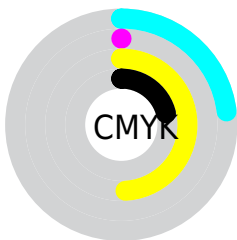
Distribution



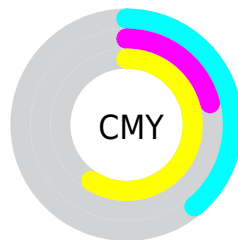
- Red (61%)
- Green (79%)
- Blue (41%)



- Red (41%)
- Yellow (79%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (39%)
- Magenta (21%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CCA68 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 9CCA68 by changing the saturation by 10% instead.

 9CCA68

 9CCA68

FFFFFF

 81AE4E

 D4FF9D

 669435

 F1FFB9

 4C7A1B

 FFFFD5

 326100

 FFFFF1

 184800

 003100

 001E00

 000000

 9CCA68

 9CCA68

 93CA54

 A5CA7C

 89CA40

 AFCA90

 80CA2B

 B8CAA5

 76CA17

 C2CAB9

 6DCA03

 CBCACD

 6BCA00

 D5CAE1

 DECAF5

 E8CAFF

 F1CAFF

Harmonies

Analogous

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



D1BC55



9CCA68



57D291

Triad

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



9CCA68



00CCFF



FF92B4

Complementary

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



9CCA68



9668CA

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.



FF99E6



9CCA68



78BEFF

Square

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



9CCA68



00D4F5



CDABFF



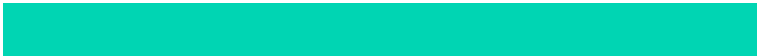
FF9A84

Rectangle

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



9CCA68



00D5B3



CDABFF



FF93C5

Sweetspot

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



9CCA68



EDFFD9



CA9668



758069



000000



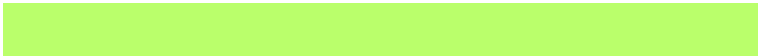
808080

Same Dimension

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



9CCA68



BAFF6B



6BCA68



61665C



58A600



142600

Inverse Universe

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



9668CA



B16BFF



C768CA



615C66



4E00A6



120026

Previews

White Background



This preview shows how the Hex color 9CCA68 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 9CCA68 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

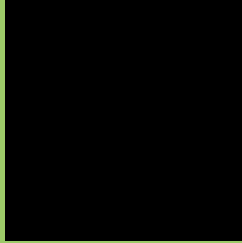
Any Text WCAG AA ✓ Pass

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 9CCA68 Background



This preview shows how black text looks on a background with the Hex color 9CCA68.

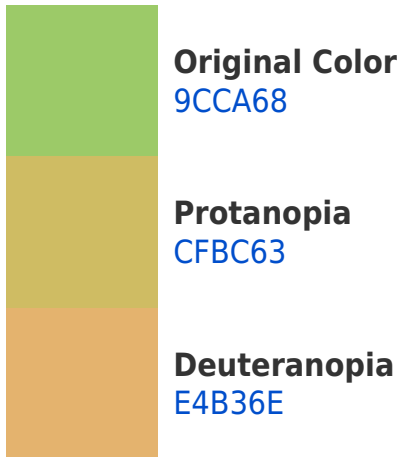


This preview shows how white text looks on a background with the Hex color 9CCA68.

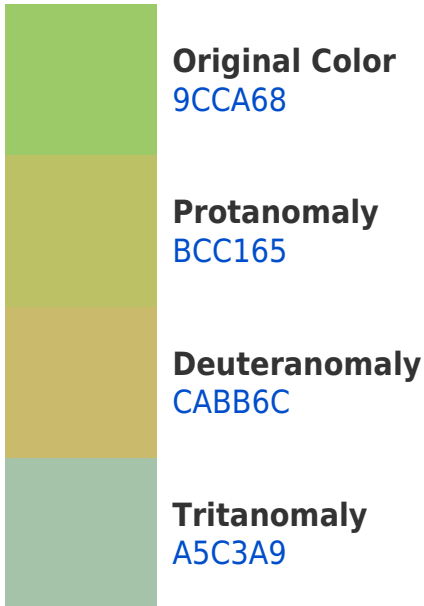
Color Blindness Simulation

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](#).

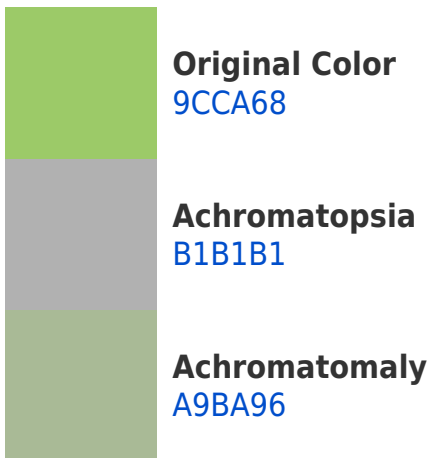
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CCA68 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 #9CCA68 looks like.

```
.text, #text, p{  
    color:#9CCA68  
}
```

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 #9CCA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CCA68
}
```

Border

The CSS property to change the border of an element to Hex 9CCA68 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
#9CCA68 }
```

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

```
.border{ border-color:#9CCA68 }
```

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

Here you see how a box with a 4 pixel #9CCA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CCA68; -webkit-box-shadow:4px 4px  
4px 4px #9CCA68; box-shadow:4px 4px 4px  
4px #9CCA68 }
```

Background

The CSS property to change the background color of an element to Hex 9CCA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CCA68 }
```

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

```
.background{ background-color:#9CCA68 }
```

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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