

Converting Colors

Hex(9AC675)

Have a look what the booklet for
Hex(9AC675) contains.

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Color

Hex(9AC675)

Conversions

Conversions Part 1

Format	Color
Hex	9AC675
RGB	154, 198, 117
RGB Percent	60%, 78%, 46%
CMY	0.3961, 0.2235, 0.5412
CMYK	0.22, 0.00, 0.41, 0.22
HSL	93°, 42%, 62%
HSV	93°, 41%, 78%
XYZ	36.7314, 48.5425, 24.2633
YIQ	175.6100, -0.2230, -34.5190

Conversions

Conversions Part 2

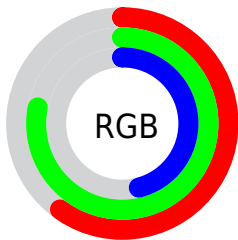
Format	Color
RYB	117, 198, 161
Decimal	10143349
CIELab	75.17, -28.76, 35.93
CIELCh	75, 46.022, 128.675
Yxy	48.5425, 0.3353, 0.4432
Android (android.graphics.Color)	4288333429 (0xFF9AC675)
YUV	175.6100, -28.8947, -18.9520
Hunter-Lab	69.6725, -27.8215, 28.1231

Details

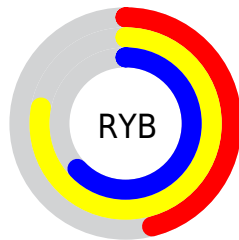
The Hex color **9AC675** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A175C6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D2FFAA**, and **659043** is the 20% darker color. If you saturate the color by 10%, you get **8FC661**, and if you desaturate by 10%, it is **A5C689**.

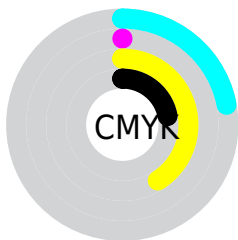
Distribution



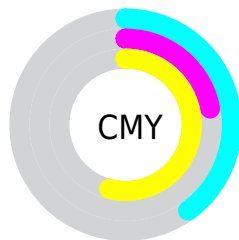
- Red (60%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (63%)



- Cyan (22%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC675 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 9AC675 by changing the saturation by 10% instead.



9AC675



9AC675

FFFFFF



7FAB5C



D2FFAA



659043



EEFFC6



4B762B



FFFFE2



325D12



194500



002E00



001B00



000000



9AC675



9AC675

 8FC661

 A5C689

 84C64D

 B0C69D

 7AC63A

 BAC6B0

 6FC626

 C5C6C4

 64C612

 D0C6D8

 5AC600

 DBC6EC

 E5C6FF

 F0C6FF

 FBC6FF

Harmonies

Analogous

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



C8BB63



9AC675



62CD99

Triad

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



9AC675



29C6FF



FF97AE

Complementary

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



9AC675



A175C6

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.



F89CD9



9AC675



8DB9FF

Square

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



9AC675



00CDED



CDA9FB



FF9E86

Rectangle

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



9AC675



2BCFB6



CDA9FB



FF97BD

Sweetspot

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



9AC675



EEFFE0



C6A075



76806E



000000



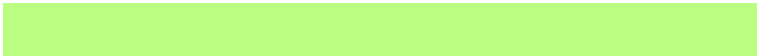
808080

Same Dimension

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



9AC675



BBFF82



75C678



5E635A



4BA300



102400

Inverse Universe

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



A175C6



C682FF



C675C3



5F5A63



5900A3



130024

Previews

White Background



This preview shows how the Hex color 9AC675 looks on a white background.

Color Contrast Check

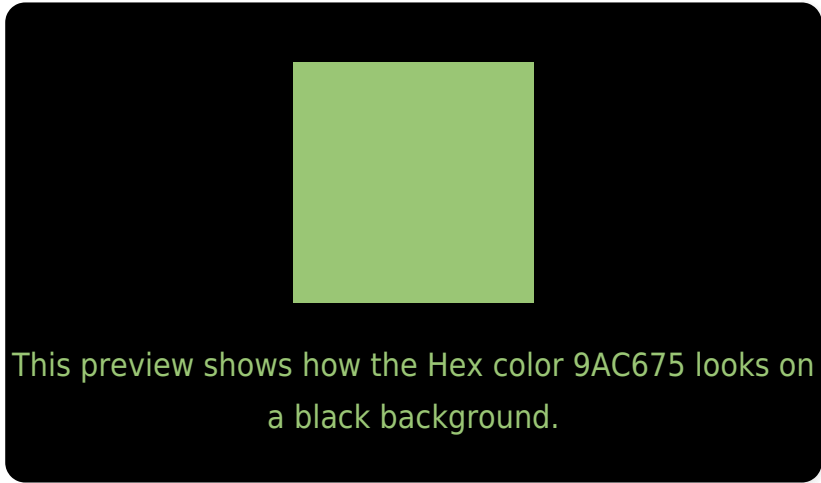
Large Text (above 18pt) WCAG AA × Fail

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

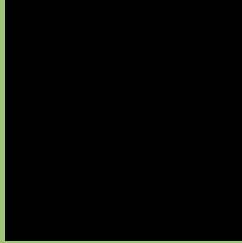
Any Text WCAG AA ✓ Pass

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 9AC675 Background



This preview shows how black text looks on a background with the Hex color 9AC675.

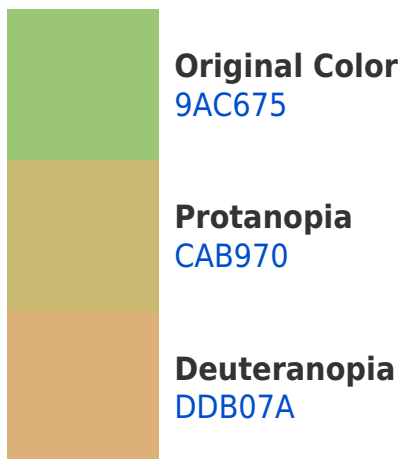


This preview shows how white text looks on a background with the Hex color 9AC675.

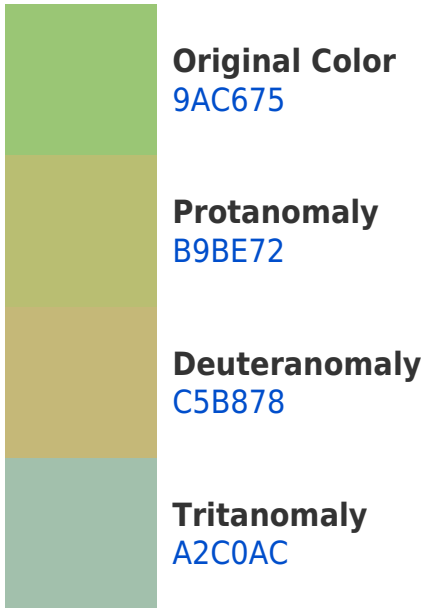
Color Blindness Simulation

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](#).

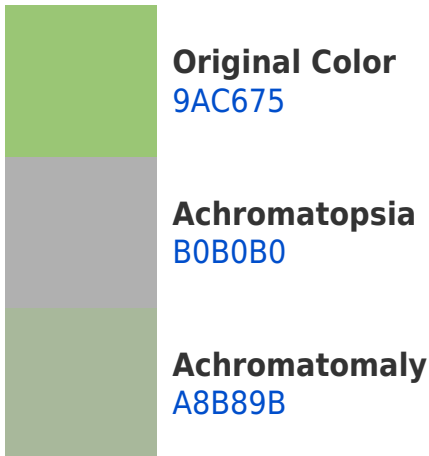
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC675 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 #9AC675 looks like.

```
.text, #text, p{  
    color:#9AC675  
}
```

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 #9AC675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC675
}
```

Border

The CSS property to change the border of an element to Hex 9AC675 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
#9AC675 }
```

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

```
.border{ border-color:#9AC675 }
```

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

Here you see how a box with a 4 pixel #9AC675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC675; -webkit-box-shadow:4px 4px  
4px 4px #9AC675; box-shadow:4px 4px 4px  
4px #9AC675 }
```

Background

The CSS property to change the background color of an element to Hex 9AC675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC675 }
```

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

```
.background{ background-color:#9AC675 }
```

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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