

Converting Colors

Hex(9AC050)

Have a look what the booklet for
Hex(9AC050) contains.

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Color

Hex(9AC050)

Conversions

Conversions Part 1

Format	Color
Hex	9AC050
RGB	154, 192, 80
RGB Percent	60%, 75%, 31%
CMY	0.3961, 0.2471, 0.6863
CMYK	0.20, 0.00, 0.58, 0.25
HSL	80°, 47%, 53%
HSV	80°, 58%, 75%
XYZ	33.6240, 45.1485, 14.5318
YIQ	167.8700, 13.3040, -42.8880

Conversions

Conversions Part 2

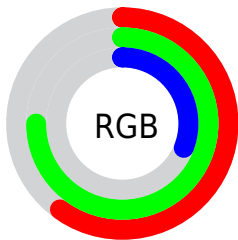
Format	Color
RYB	80, 192, 118
Decimal	10141776
CIELab	72.99, -29.95, 51.22
CIELCh	73, 59.337, 120.317
Yxy	45.1485, 0.3604, 0.4839
Android (android.graphics.Color)	4288331856 (0xFF9AC050)
YUV	167.8700, -43.3199, -12.1640
Hunter-Lab	67.1926, -28.2635, 34.2122

Details

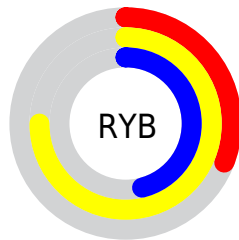
The Hex color **9AC050** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **7650C0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D3F985**, and **648A19** is the 20% darker color. If you saturate the color by 10%, you get **93C03D**, and if you desaturate by 10%, it is **A1C063**.

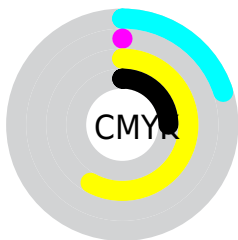
Distribution



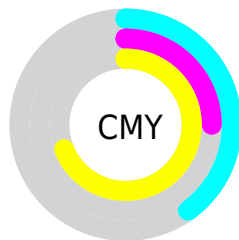
- Red (60%)
- Green (75%)
- Blue (31%)



- Red (31%)
- Yellow (75%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (58%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC050 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 9AC050 by changing the saturation by 10% instead.



9AC050



9AC050

FFFFFF



7FA536



D3F985



648A19



F0FFA0



497100



FFFFBC



2F5800



FFFFD8



134000



FFFFFF5



002A00



001200



000000



9AC050



9AC050

■ 93C03D

■ A1C063

■ 8DC02A

■ A7C076

■ 86C016

■ AEC08A

■ 80C003

■ B4C09D

■ 7FC000

■ BBC0B0

■ C1C0C3

■ C8C0D6

■ CEC0EA

■ D5C0FD

Harmonies

Analogous

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



D1B040



9AC050



4FCA7B

Triad

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



9AC050



00C7FF



FF83B5

Complementary

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



9AC050



7650C0

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.



F68FEA



9AC050



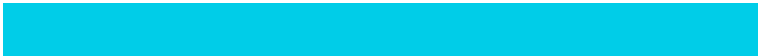
3DB9FF

Square

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



9AC050



00CDE8



B6A5FF



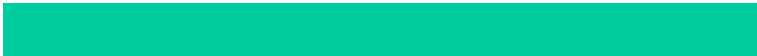
FF897F

Rectangle

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



9AC050



00CD9F



B6A5FF



FF85C7

Sweetspot

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



9AC050



EBFACD



C07550



747D61



FCFCFC



7D7D7D

Same Dimension

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



9AC050



BFFA4B



63C050



5E6157



6AA100



162100

Inverse Universe

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



7650C0



864BFA



AD50C0



5A5761



3700A1



0B0021

Previews

White Background



This preview shows how the Hex color 9AC050 looks on a white background.

Color Contrast Check

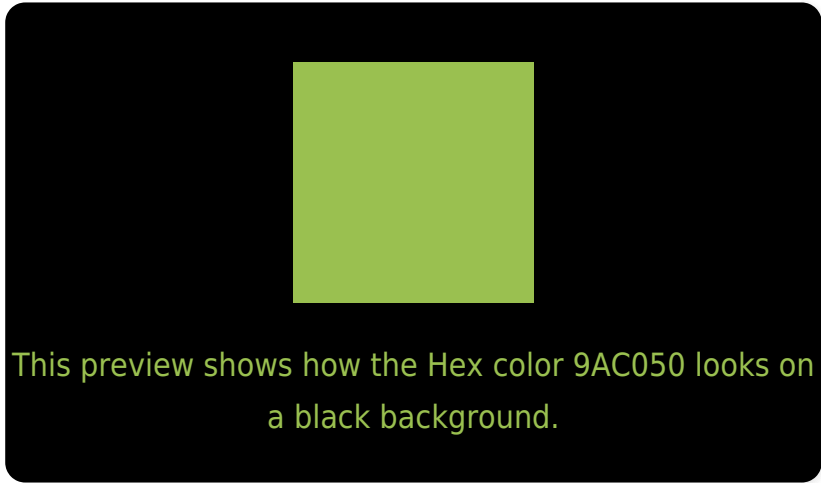
Large Text (above 18pt) WCAG AA × Fail

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

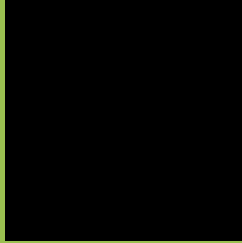
Any Text WCAG AA ✓ Pass

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 9AC050 Background



This preview shows how black text looks on a background with the Hex color 9AC050.

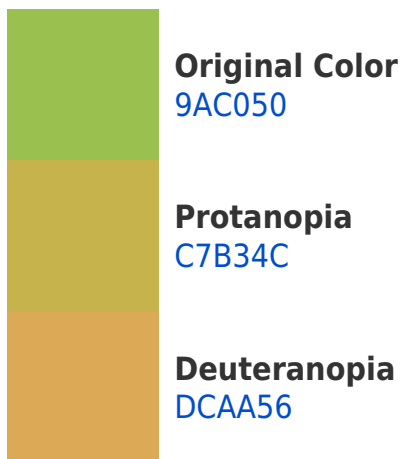


This preview shows how white text looks on a background with the Hex color 9AC050.

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](#).

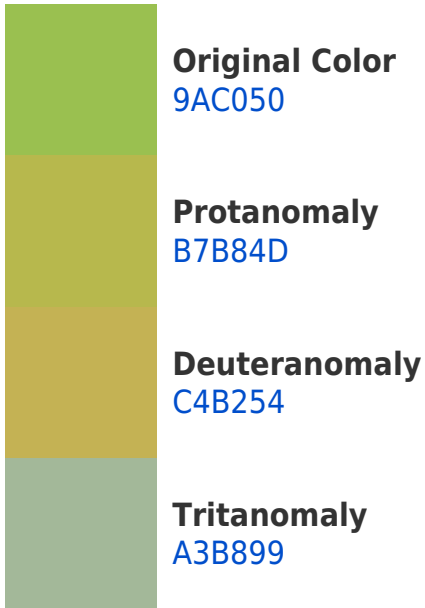
Dichromacy



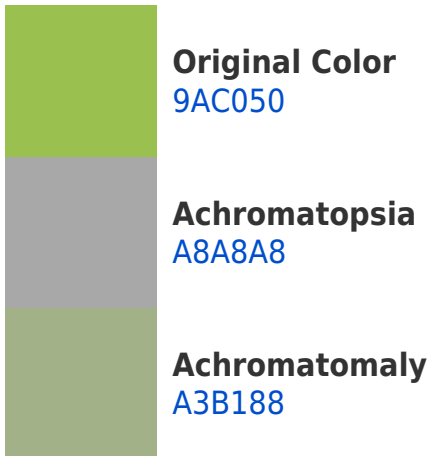


Tritanopia
A8B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC050 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 #9AC050 looks like.

```
.text, #text, p{  
    color:#9AC050  
}
```

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 #9AC050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC050
}
```

Border

The CSS property to change the border of an element to Hex 9AC050 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
#9AC050 }
```

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

```
.border{ border-color:#9AC050 }
```

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

Here you see how a box with a 4 pixel #9AC050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC050; -webkit-box-shadow:4px 4px  
4px 4px #9AC050; box-shadow:4px 4px 4px  
4px #9AC050 }
```

Background

The CSS property to change the background color of an element to Hex 9AC050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC050 }
```

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

```
.background{ background-color:#9AC050 }
```

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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