

Converting Colors

Hex(9AC537)

Have a look what the booklet for
Hex(9AC537) contains.

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Color

Hex(9AC537)

Conversions

Conversions Part 1

Format	Color
Hex	9AC537
RGB	154, 197, 55
RGB Percent	60%, 77%, 22%
CMY	0.3961, 0.2275, 0.7843
CMYK	0.22, 0.00, 0.72, 0.23
HSL	78°, 56%, 49%
HSV	78°, 72%, 77%
XYZ	33.9823, 47.0784, 10.9104
YIQ	167.9550, 19.9540, -53.2780

Conversions

Conversions Part 2

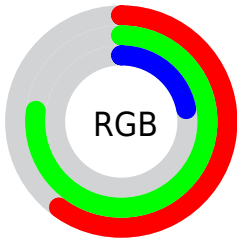
Format	Color
RYB	55, 197, 98
Decimal	10143031
CIELab	74.24, -34.09, 62.69
CIELCh	74, 71.361, 118.537
Yxy	47.0784, 0.3695, 0.5119
Android (android.graphics.Color)	4288333111 (0xFF9AC537)
YUV	167.9550, -55.6868, -12.2385
Hunter-Lab	68.6137, -31.6683, 38.6017

Details

The Hex color **9AC537** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6237C5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D3FE6F**, and **628F00** is the 20% darker color. If you saturate the color by 10%, you get **94C523**, and if you desaturate by 10%, it is **A0C54B**.

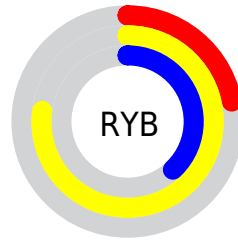
Distribution



Red (60%)

Green (77%)

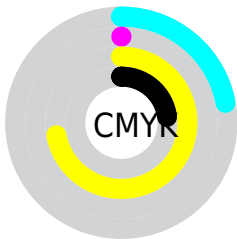
Blue (22%)



Red (22%)

Yellow (77%)

Blue (38%)

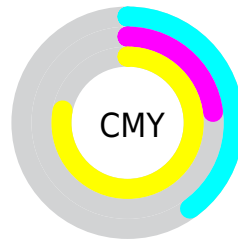


Cyan (22%)

Magenta (0%)

Yellow (72%)

Black (23%)



Cyan (40%)

Magenta (23%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AC537 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 9AC537 by changing the saturation by 10% instead.

 9AC537

 9AC537

FFFFFF

 7EAA15

 D3FE6F

 628F00

 F1FF8A

 477500

 FFFFA6

 2C5C00

 FFFF C3

 084400

 FFFF E0

 002D00

FFFFFF D

 001700

 000000

 9AC537

 9AC537

■ 94C523

■ A0C54B

■ 8EC510

■ A6C55E

■ 89C500

■ ACC572

■ B2C586

■ B8C59A

■ BEC5AD

■ C4C5C1

■ CAC5D5

■ D0C5E8

Harmonies

Analogous

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



DBB221



9AC537



34D06E

Triad

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



9AC537



00CEFF



FF78BD

Complementary

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



9AC537



6237C5

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.



FF8AFC



9AC537



00BFFF

Square

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



9AC537



00D5F3



B0A7FF



FF807C

Rectangle

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



9AC537



00D49A



B0A7FF



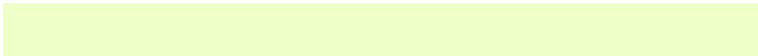
FF7BD3

Sweetspot

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



9AC537



EEFFC7



C56237



75805E



000000



808080

Same Dimension

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



9AC537



BDFE24



53C537



60635A



72A300



192400

Inverse Universe

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



6237C5



6624FF



A937C5



5D5A63



3100A3



0B0024

Previews

White Background



This preview shows how the Hex color 9AC537 looks on a white background.

Color Contrast Check

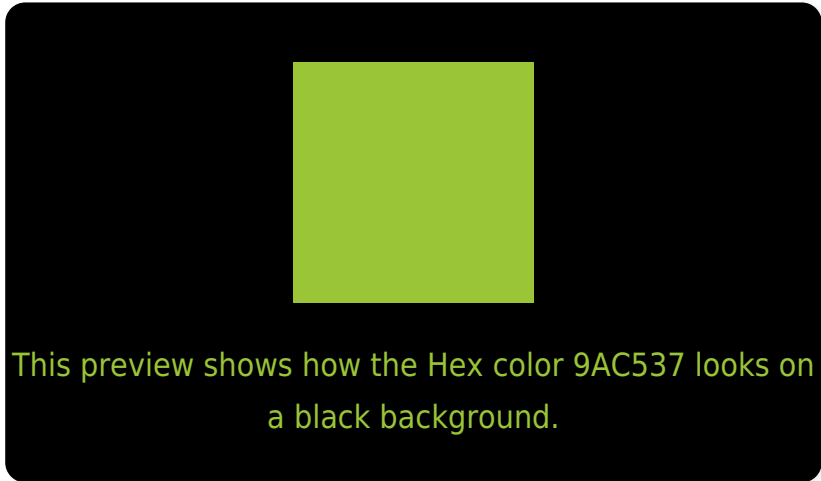
Large Text (above 18pt) WCAG AA × Fail

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 9AC537 Background



This preview shows how black text looks on a background with the Hex color 9AC537.

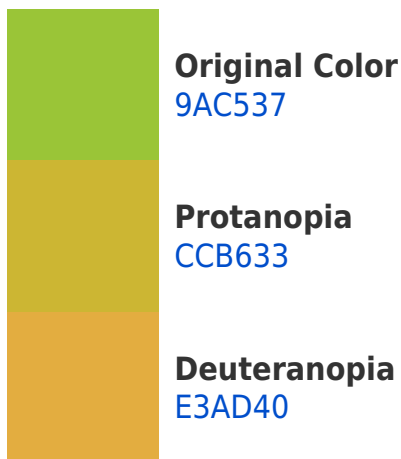


This preview shows how white text looks on a background with the Hex color 9AC537.

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](#).

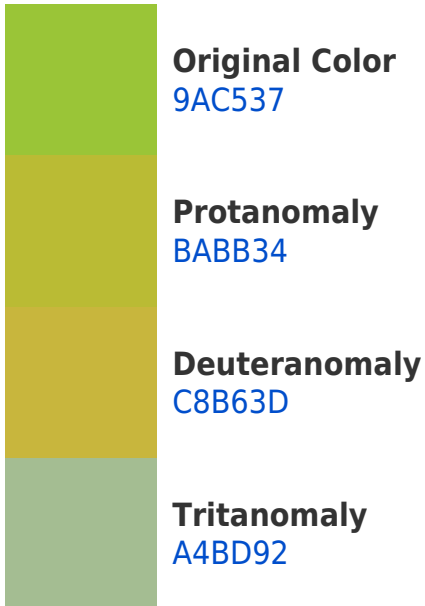
Dichromacy



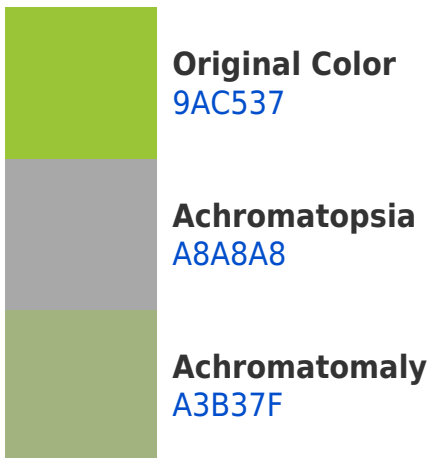


Tritanopia
AAB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AC537 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 #9AC537 looks like.

```
.text, #text, p{  
    color:#9AC537  
}
```

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 #9AC537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC537
}
```

Border

The CSS property to change the border of an element to Hex 9AC537 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
#9AC537 }
```

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

```
.border{ border-color:#9AC537 }
```

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

Here you see how a box with a 4 pixel #9AC537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC537; -webkit-box-shadow:4px 4px  
4px 4px #9AC537; box-shadow:4px 4px 4px  
4px #9AC537 }
```

Background

The CSS property to change the background color of an element to Hex 9AC537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC537 }
```

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

```
.background{ background-color:#9AC537 }
```

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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