

Converting Colors

Hex(9BCA55)

Have a look what the booklet for
Hex(9BCA55) contains.

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Color

Hex(9BCA55)

Conversions

Conversions Part 1

Format	Color
Hex	9BCA55
RGB	155, 202, 85
RGB Percent	61%, 79%, 33%
CMY	0.3922, 0.2078, 0.6667
CMYK	0.23, 0.00, 0.58, 0.21
HSL	84°, 52%, 56%
HSV	84°, 58%, 79%
XYZ	36.2778, 49.8655, 16.3073
YIQ	174.6090, 9.5450, -46.3510

Conversions

Conversions Part 2

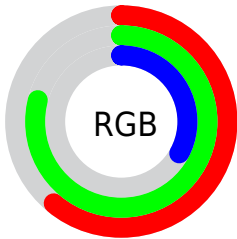
Format	Color
RYB	85, 202, 132
Decimal	10209877
CIELab	75.99, -33.80, 52.39
CIELCh	76, 62.345, 122.832
Yxy	49.8655, 0.3541, 0.4867
Android (android.graphics.Color)	4288399957 (0xFF9BCA55)
YUV	174.6090, -44.1772, -17.1971
Hunter-Lab	70.6155, -31.8751, 35.7390

Details

The Hex color **9BCA55** 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 **8455CA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D4FF8A**, and **64941E** is the 20% darker color. If you saturate the color by 10%, you get **93CA41**, and if you desaturate by 10%, it is **A3CA69**.

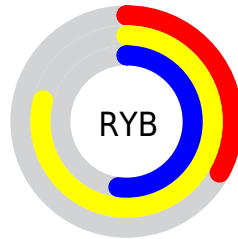
Distribution



Red (61%)

Green (79%)

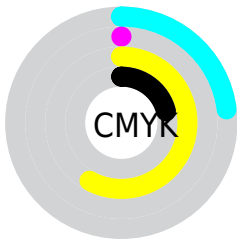
Blue (33%)



Red (33%)

Yellow (79%)

Blue (52%)

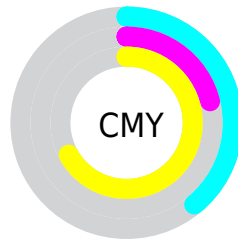


Cyan (23%)

Magenta (0%)

Yellow (58%)

Black (21%)



Cyan (39%)

Magenta (21%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BCA55 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 9BCA55 by changing the saturation by 10% instead.

 9BCA55

 9BCA55

FFFFFF

 7FAE3B

 D4FF8A

 64941E

 F1FFA6

 4A7A00

 FFFFC2

 2F6100

 FFFFDE

 114800

 FFFFFB

 003100

 001D00

 000000

 9BCA55

 9BCA55

 93CA41

 A3CA69

 8BCA2D

 ABCA7D

 83CA18

 B3CA92

 7BCA04

 BBCAA6

 79CA00

 C4CABA

 CCCACE

 D4CAE2

 DCCAF7

 E4CAFF

Harmonies

Analogous

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



D6BA41



9BCA55



46D484

Triad

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



9BCA55



00CFFF



FF88B8

Complementary

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



9BCA55



8455CA

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.



FF93F1



9BCA55



4DC0FF

Square

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



9BCA55



00D6F8



C5AAFF



FF9080

Rectangle

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



9BCA55



00D7AB



C5AAFF



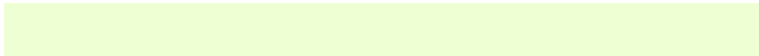
FF89CC

Sweetspot

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



9BCA55



EEFFD4



CA8455



758066



000000



808080

Same Dimension

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



9BCA55



B7FF4D



61CA55



62665C



63A600



172600

Inverse Universe

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



8455CA



944DFF



BE55CA



605C66



4300A6



0F0026

Previews

White Background



This preview shows how the Hex color 9BCA55 looks on a white background.

Color Contrast Check

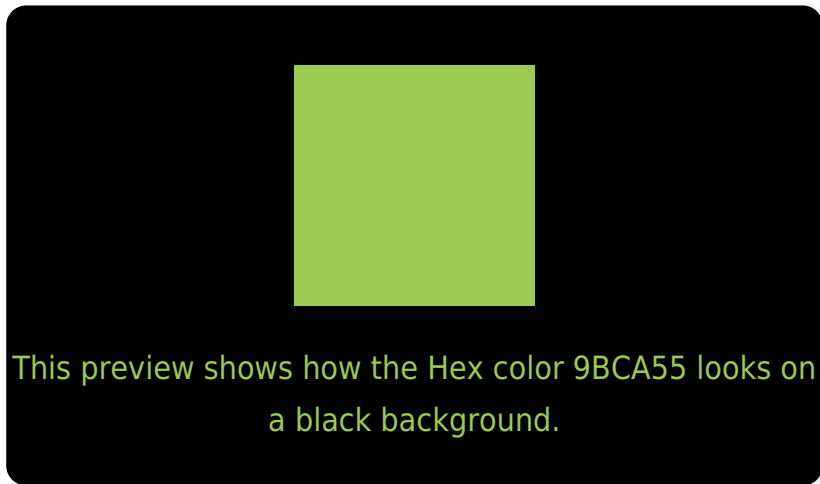
Large Text (above 18pt) WCAG AA × Fail

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 9BCA55 Background



This preview shows how black text looks on a background with the Hex color 9BCA55.

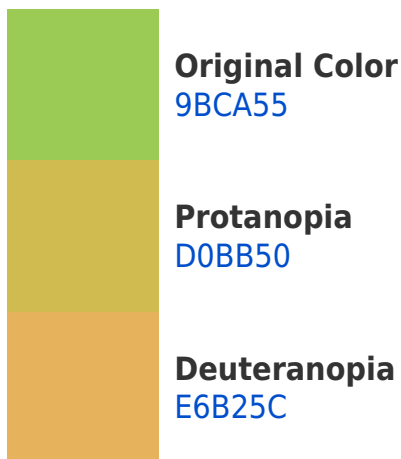


This preview shows how white text looks on a background with the Hex color 9BCA55.

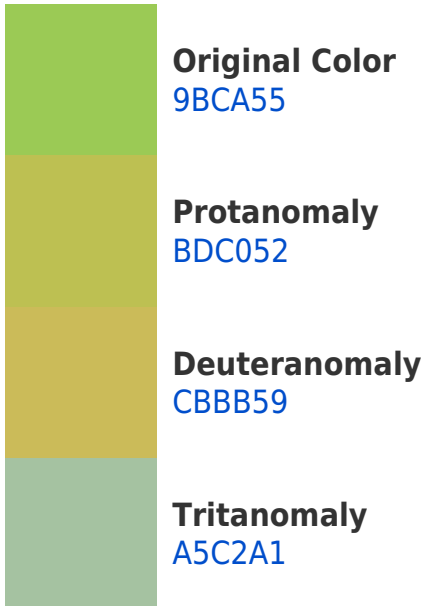
Color Blindness Simulation

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](#).

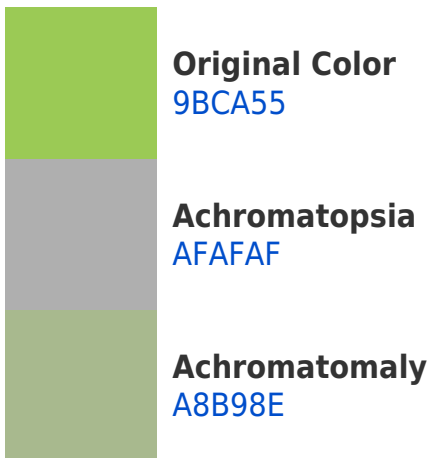
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BCA55 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 #9BCA55 looks like.

```
.text, #text, p{  
    color:#9BCA55  
}
```

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 #9BCA55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BCA55  
}
```

Border

The CSS property to change the border of an element to Hex 9BCA55 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  
#9BCA55 }
```

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

```
.border{ border-color:#9BCA55 }
```

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

Here you see how a box with a 4 pixel #9BCA55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BCA55; -webkit-box-shadow:4px 4px  
4px 4px #9BCA55; box-shadow:4px 4px 4px  
4px #9BCA55 }
```

Background

The CSS property to change the background color of an element to Hex 9BCA55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BCA55 }
```

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

```
.background{ background-color:#9BCA55 }
```

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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