

Converting Colors

Hex(9BCD56)

Have a look what the booklet for
Hex(9BCD56) contains.

Hex(9BCD56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9BCD56)

Conversions

Conversions Part 1

Format	Color
Hex	9BCD56
RGB	155, 205, 86
RGB Percent	61%, 80%, 34%
CMY	0.3922, 0.1961, 0.6627
CMYK	0.24, 0.00, 0.58, 0.20
HSL	85°, 54%, 57%
HSV	85°, 58%, 80%
XYZ	37.0286, 51.3031, 16.7550
YIQ	176.4840, 8.3990, -47.6090

Conversions

Conversions Part 2

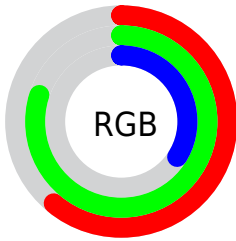
Format	Color
RYB	86, 205, 136
Decimal	10210646
CIELab	76.86, -35.09, 52.93
CIELCh	77, 63.508, 123.542
Yxy	51.3031, 0.3524, 0.4882
Android (android.graphics.Color)	4288400726 (0xFF9BCD56)
YUV	176.4840, -44.6086, -18.8415
Hunter-Lab	71.6262, -33.0666, 36.2691

Details

The Hex color **9BCD56** 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 **8856CD**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D4FF8B**, and **64961F** is the 20% darker color. If you saturate the color by 10%, you get **92CD42**, and if you desaturate by 10%, it is **A4CD6B**.

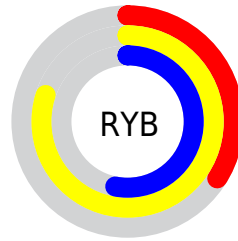
Distribution



Red (61%)

Green (80%)

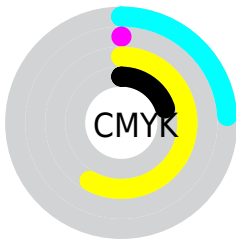
Blue (34%)



Red (34%)

Yellow (80%)

Blue (53%)

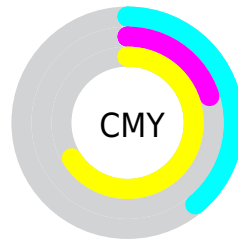


Cyan (24%)

Magenta (0%)

Yellow (58%)

Black (20%)



Cyan (39%)

Magenta (20%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BCD56 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 9BCD56 by changing the saturation by 10% instead.

 9BCD56

 9BCD56

FFFFFF

 7FB13B

 D4FF8B

 64961F

 F1FFA7

 497C00

 FFFFC3

 2E6300

 FFFF E0

 104B00

FFFFFFD

 003400

 002000

 000000

 9BCD56

 9BCD56

■ 92CD42

■ A4CD6B

■ 8ACD2D

■ ACCD7F

■ 81CD19

■ B5CD94

■ 79CD04

■ BDCDA8

■ 77CD00

■ C6CDBD

■ CFCDD1

■ D7CDE6

■ E0CDFA

■ E9CDFF

Harmonies

Analogous

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



D8BD40



9BCD56



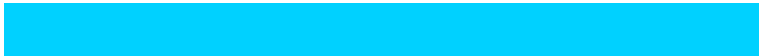
42D787

Triad

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



9BCD56



00D1FF



FF89B9

Complementary

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



9BCD56



8856CD

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.



FF94F3



9BCD56



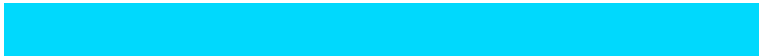
50C2FF

Square

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



9BCD56



00D9FD



CAABFF



FF9280

Rectangle

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



9BCD56



00DAAF



CAABFF



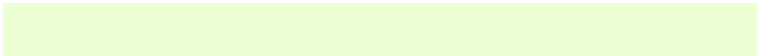
FF8ACD

Sweetspot

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



9BCD56



EDFFD4



CD8856



758066



000000



808080

Same Dimension

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



9BCD56



B4FF4D



60CD56



62665C



60A600



162600

Inverse Universe

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



8856CD



984DFF



C356CD



605C66



4600A6



100026

Previews

White Background



This preview shows how the Hex color 9BCD56 looks on a white background.

Color Contrast Check

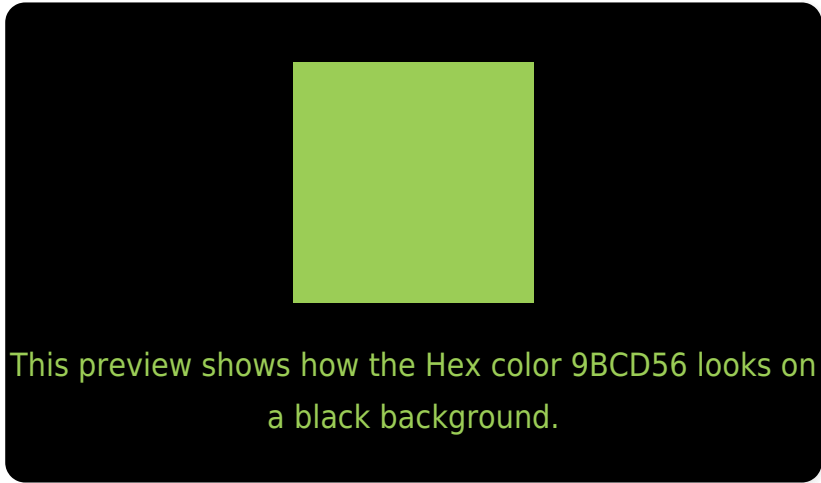
Large Text (above 18pt) WCAG AA × Fail

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 9BCD56 Background



This preview shows how black text looks on a background with the Hex color 9BCD56.

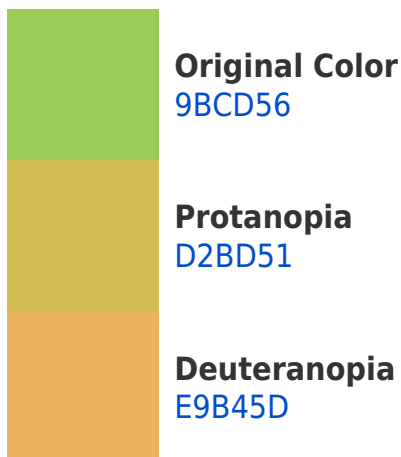


This preview shows how white text looks on a background with the Hex color 9BCD56.

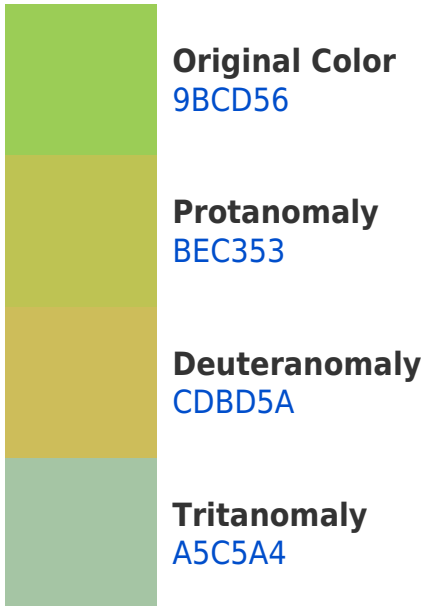
Color Blindness Simulation

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](#).

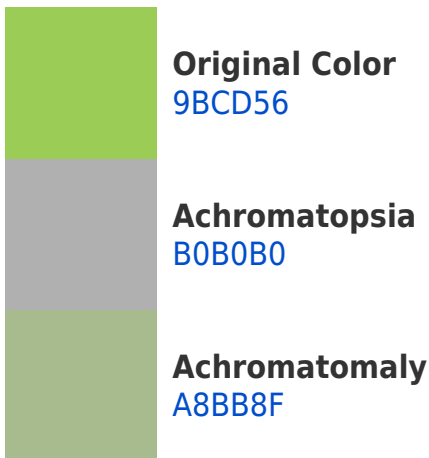
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BCD56 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 #9BCD56 looks like.

```
.text, #text, p{  
    color:#9BCD56  
}
```

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 #9BCD56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BCD56
}
```

Border

The CSS property to change the border of an element to Hex 9BCD56 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
#9BCD56 }
```

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

```
.border{ border-color:#9BCD56 }
```

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

Here you see how a box with a 4 pixel #9BCD56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BCD56; -webkit-box-shadow:4px 4px  
4px 4px #9BCD56; box-shadow:4px 4px 4px  
4px #9BCD56 }
```

Background

The CSS property to change the background color of an element to Hex 9BCD56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BCD56 }
```

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

```
.background{ background-color:#9BCD56 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor