

Converting Colors

Hex(9CDB54)

Have a look what the booklet for
Hex(9CDB54) contains.

Hex(9CDB54)	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(9CDB54)

Conversions

Conversions Part 1

Format	Color
Hex	9CDB54
RGB	156, 219, 84
RGB Percent	61%, 86%, 33%
CMY	0.3882, 0.1412, 0.6706
CMYK	0.29, 0.00, 0.62, 0.14
HSL	88°, 65%, 59%
HSV	88°, 62%, 86%
XYZ	40.6421, 58.3710, 17.5122
YIQ	184.7730, 5.7870, -55.3410

Conversions

Conversions Part 2

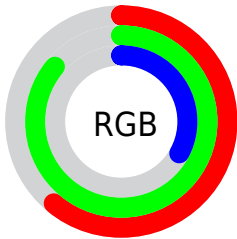
Format	Color
RYB	84, 219, 147
Decimal	10279764
CIELab	80.94, -41.18, 58.38
CIElCh	81, 71.441, 125.196
Yxy	58.3710, 0.3488, 0.5009
Android (android.graphics.Color)	4288469844 (0xFF9CDB54)
YUV	184.7730, -49.6811, -25.2339
Hunter-Lab	76.4009, -38.7473, 39.8906

Details

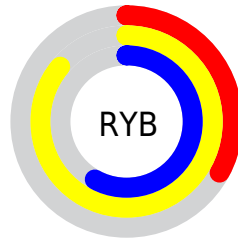
The Hex color **9CDB54** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9354DB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D6FF8A**, and **64A419** is the 20% darker color. If you saturate the color by 10%, you get **92DB3E**, and if you desaturate by 10%, it is **A6DB6A**.

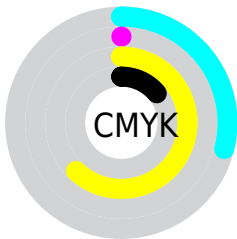
Distribution



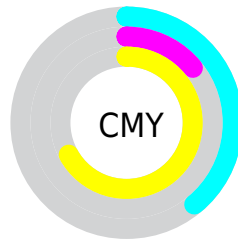
- Red (61%)
- Green (86%)
- Blue (33%)



- Red (33%)
- Yellow (86%)
- Blue (58%)



- Cyan (29%)
- Magenta (0%)
- Yellow (62%)
- Black (14%)



- Cyan (39%)
- Magenta (14%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CDB54 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 9CDB54 by changing the saturation by 10% instead.

 9CDB54

 9CDB54

FFFFFF

 80BF38

 D6FF8A

 64A419

 F3FFA6

 488900

 FFFFC2

 2B6F00

 FFFFDF

 045600

FFFFFFD

 003E00

 002900

 000600

 000000

 9CDB54

 9CDB54

 92DB3E

 A6DB6A

 88DB28

 B0DB80

 7DDB12

 BBDB96

 75DB00

 C5DBAC

 CFDBC2

 D9DBD7

 E4DBED

 EEDBFF

 F8DBFF

Harmonies

Analogous

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



E2C937



9CDB54



1CE58E

Triad

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



9CDB54



00DFFF



FF8BC0

Complementary

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



9CDB54



9354DB

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.



FF97FF



9CDB54



49CDFF

Square

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



9CDB54



00E8FF



DBB2FF



FF9780

Rectangle

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



9CDB54



00E9BC



DBB2FF



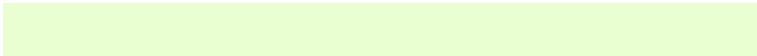
FF8CD7

Sweetspot

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



9CDB54



EAFD1



DB9354



728063



000000



808080

Same Dimension

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



9CDB54



A7FF42



5BDB54



696E63



5CAD00



182E00

Inverse Universe

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



9354DB



9A42FF



D754DB



68636E



5100AD



15002E

Previews

White Background



This preview shows how the Hex color 9CDB54 looks on a white background.

Color Contrast Check

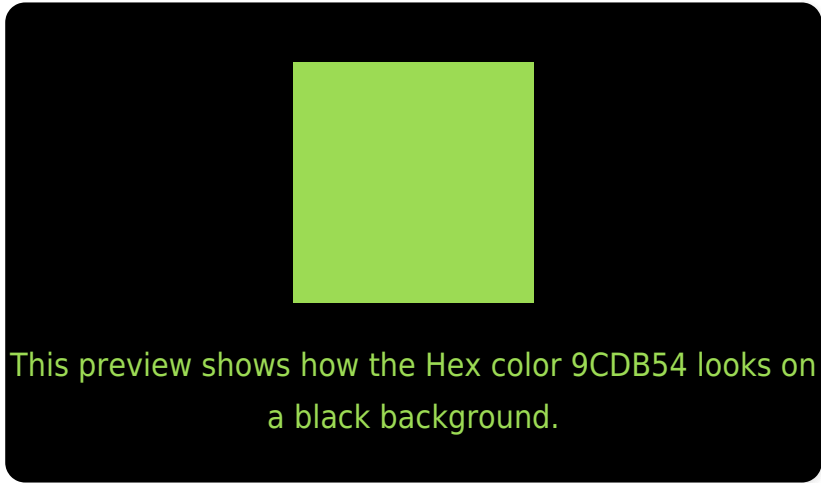
Large Text (above 18pt) WCAG AA × Fail

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 9CDB54 Background



This preview shows how black text looks on a background with the Hex color 9CDB54.

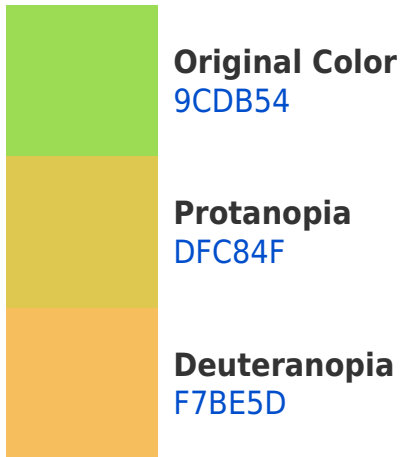


This preview shows how white text looks on a background with the Hex color 9CDB54.

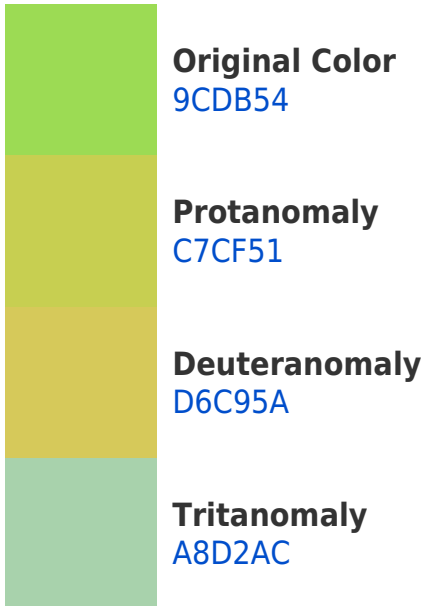
Color Blindness Simulation

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](#).

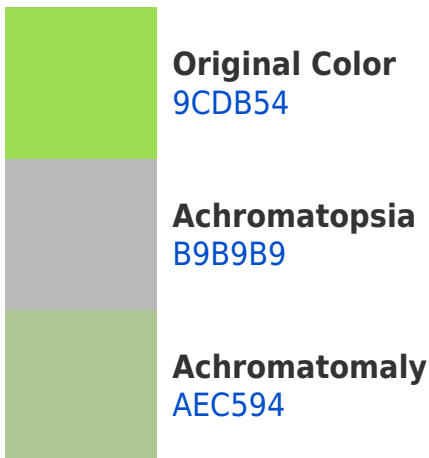
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDB54 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 #9CDB54 looks like.

```
.text, #text, p{  
    color:#9CDB54  
}
```

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 #9CDB54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDB54
}
```

Border

The CSS property to change the border of an element to Hex 9CDB54 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
#9CDB54 }
```

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

```
.border{ border-color:#9CDB54 }
```

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

Here you see how a box with a 4 pixel #9CDB54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDB54; -webkit-box-shadow:4px 4px  
4px 4px #9CDB54; box-shadow:4px 4px 4px  
4px #9CDB54 }
```

Background

The CSS property to change the background color of an element to Hex 9CDB54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDB54 }
```

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

```
.background{ background-color:#9CDB54 }
```

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