

Converting Colors

Hex(9ECD54)

Have a look what the booklet for
Hex(9ECD54) contains.

Hex(9ECD54)	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(9ECD54)

Conversions

Conversions Part 1

Format	Color
Hex	9ECD54
RGB	158, 205, 84
RGB Percent	62%, 80%, 33%
CMY	0.3804, 0.1961, 0.6706
CMYK	0.23, 0.00, 0.59, 0.20
HSL	83°, 55%, 57%
HSV	83°, 59%, 80%
XYZ	37.5321, 51.5718, 16.3637
YIQ	177.1530, 10.8290, -47.5950

Conversions

Conversions Part 2

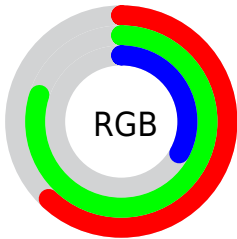
Format	Color
RYB	84, 205, 131
Decimal	10407252
CIELab	77.02, -34.14, 54.05
CIELCh	77, 63.932, 122.278
Yxy	51.5718, 0.3559, 0.4890
Android (android.graphics.Color)	4288597332 (0xFF9ECD54)
YUV	177.1530, -45.9244, -16.7972
Hunter-Lab	71.8135, -32.3837, 36.7594

Details

The Hex color **9ECD54** 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 **8354CD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D7FF8A**, and **67971C** is the 20% darker color. If you saturate the color by 10%, you get **96CD3F**, and if you desaturate by 10%, it is **A6CD69**.

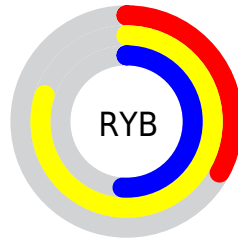
Distribution



Red (62%)

Green (80%)

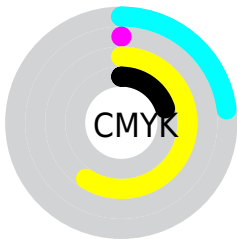
Blue (33%)



Red (33%)

Yellow (80%)

Blue (51%)

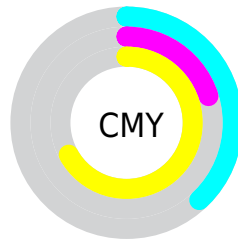


Cyan (23%)

Magenta (0%)

Yellow (59%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ECD54 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 9ECD54 by changing the saturation by 10% instead.



9ECD54



9ECD54

FFFFFF



82B139



D7FF8A



67971C



F4FFA5



4C7C00



FFFFC1



316300



FFFFDE



144B00



FFFFFFB



003400



002000



000000



9ECD54



9ECD54

 96CD3F

 A6CD69

 8ECD2B

 AECD7D

 86CD16

 B6CD92

 7ECD02

 BECDA6

 7DCD00

 C6CDBB

 CECD CF

 D6CDE4

 DECDF8

 E6CDFF

Harmonies

Analogous

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



DABD40



9ECD54



47D785

Triad

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



9ECD54



00D3FF



FF89BC

Complementary

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



9ECD54



8354CD

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.



FF95F6



9ECD54



46C3FF

Square

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



9ECD54



00DAFC



C6ADFF



FF9182

Rectangle

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



9ECD54



00DAAC



C6ADFF



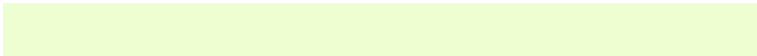
FF8BD0

Sweetspot

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



9ECD54



EDFFD1



CD8254



758063



000000



808080

Same Dimension

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



9ECD54



B9FF4A



62CD54



62665C



65A600



172600

Inverse Universe

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



8354CD



904AFF



BF54CD



605C66



4000A6



0F0026

Previews

White Background



This preview shows how the Hex color 9ECD54 looks on a white background.

Color Contrast Check

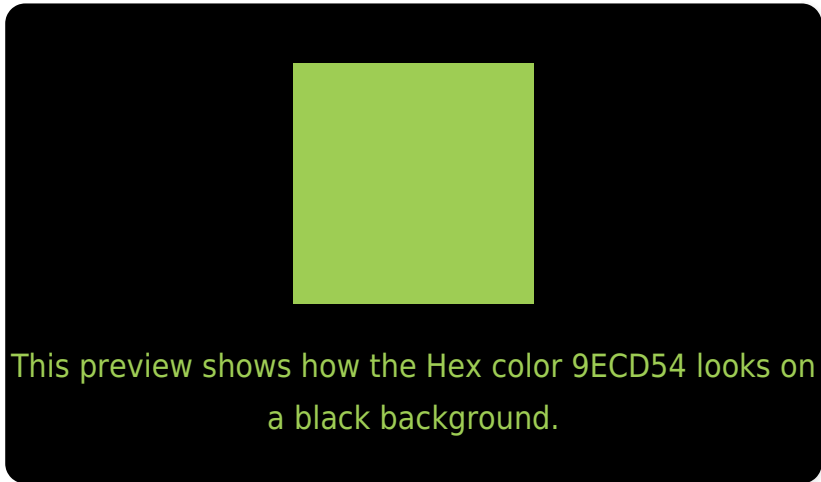
Large Text (above 18pt) WCAG AA × Fail

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 9ECD54 Background



This preview shows how black text looks on a background with the Hex color 9ECD54.

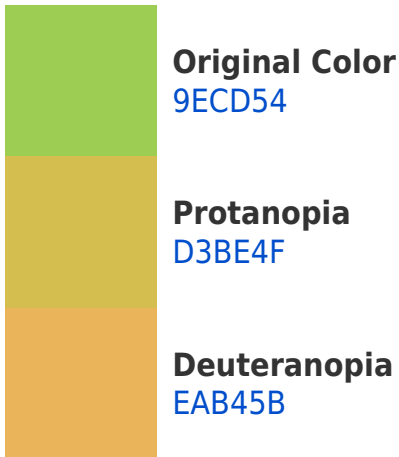


This preview shows how white text looks on a background with the Hex color 9ECD54.

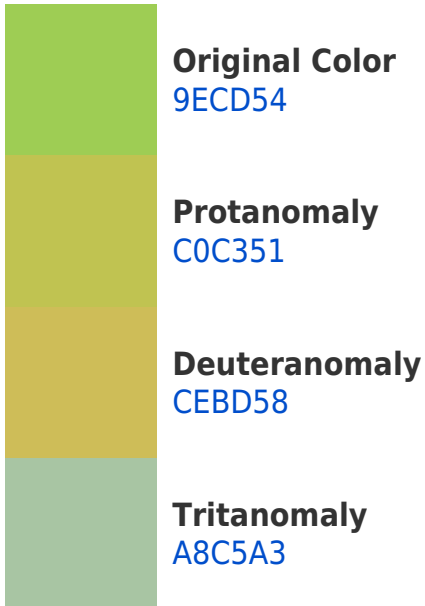
Color Blindness Simulation

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 9ECD54 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 #9ECD54 looks like.

```
.text, #text, p{  
    color:#9ECD54  
}
```

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 #9ECD54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ECD54
}
```

Border

The CSS property to change the border of an element to Hex 9ECD54 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
#9ECD54 }
```

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

```
.border{ border-color:#9ECD54 }
```

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

Here you see how a box with a 4 pixel #9ECD54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ECD54; -webkit-box-shadow:4px 4px  
4px 4px #9ECD54; box-shadow:4px 4px 4px  
4px #9ECD54 }
```

Background

The CSS property to change the background color of an element to Hex 9ECD54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ECD54 }
```

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

```
.background{ background-color:#9ECD54 }
```

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