

# Converting Colors

Hex(9ECA25)

Have a look what the booklet for  
Hex(9ECA25) contains.

|  |    |
|--|----|
| <b>Hex(9ECA25)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(9ECA25)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9ECA25                      |
| RGB         | 158, 202, 37                |
| RGB Percent | 62%, 79%, 15%               |
| CMY         | 0.3804, 0.2078, 0.8549      |
| CMYK        | 0.22, 0.00, 0.82, 0.21      |
| HSL         | 76°, 69%, 47%               |
| HSV         | 76°, 82%, 79%               |
| XYZ         | 35.5550, 49.6437, 9.4585    |
| YIQ         | 170.0340, 26.7410, -60.6430 |

# Conversions

## Conversions Part 2

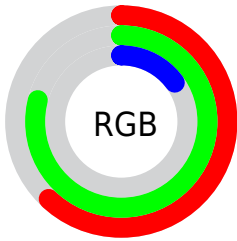
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 37, 202, 81                     |
| Decimal                             | 10406437                        |
| CIELab                              | 75.85, -35.64, 69.79            |
| CIELCh                              | 76, 78.359, 117.053             |
| Yxy                                 | 49.6437, 0.3756,<br>0.5245      |
| Android<br>(android.graphics.Color) | 4288596517<br>(0xFF9ECA25)      |
| YUV                                 | 170.0340, -65.5858,<br>-10.5538 |
| Hunter-Lab                          | 70.4583, -33.2265,<br>41.3616   |

# Details

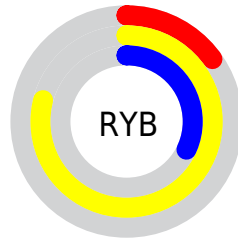
The Hex color **9ECA25** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **5125CA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D8FF62**, and **659400** is the 20% darker color. If you saturate the color by 10%, you get **99CA11**, and if you desaturate by 10%, it is **A3CA39**.

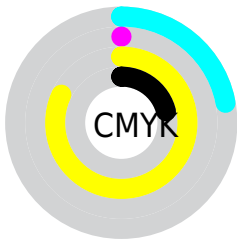
# Distribution



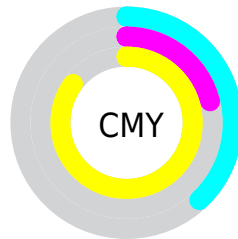
- Red (62%)
- Green (79%)
- Blue (15%)



- Red (15%)
- Yellow (79%)
- Blue (32%)



- Cyan (22%)
- Magenta (0%)
- Yellow (82%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ECA25 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 9ECA25 by changing the saturation by 10% instead.





9ECA25



9ECA25

FFFFFF



82AF00



D8FF62



659400



F6FF7F



497A00



FFFF9B



2D6100



FFFFB7



084900



FFFFD4



003100



FFFFF2



001D00



000000



9ECA25



9ECA25

■ 99CA11

■ A3CA39

■ 94CA00

■ A9CA4D

■ AECA62

■ B4CA76

■ B9CA8A

■ BECA9E

■ C4CAB2

■ C9CAC7

■ CECADB

# Harmonies

## Analogous

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



E4B500



9ECA25



25D668

# Triad

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



9ECA25



00D6FF



FF73C5

# Complementary

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



9ECA25



5125CA

# 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.



FF8AFF



9ECA25



00C6FF

# Square

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



9ECA25



00DCFB



ACABFF



FF7B7E

# Rectangle

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



9ECA25



00DB98



ACABFF



FF77DD



# Sweetspot

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



9ECA25



EEFFBF



CA5125



758059



000000



808080



# Same Dimension

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



9ECA25



BCFF05



4CCA25



63665C



7AA600



1C2600



# Inverse Universe

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



5125CA



4805FF



A425CA



5F5C66



2C00A6



0A0026



# Previews

## White Background



This preview shows how the Hex color 9ECA25 looks on a white background.

## Color Contrast Check

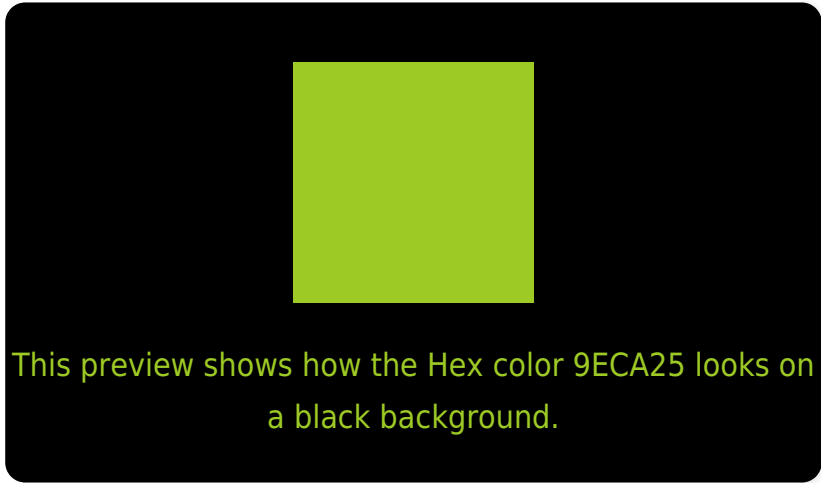
Large Text (above 18pt) WCAG AA × Fail

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 9ECA25 Background



This preview shows how black text looks on a background with the Hex color 9ECA25.

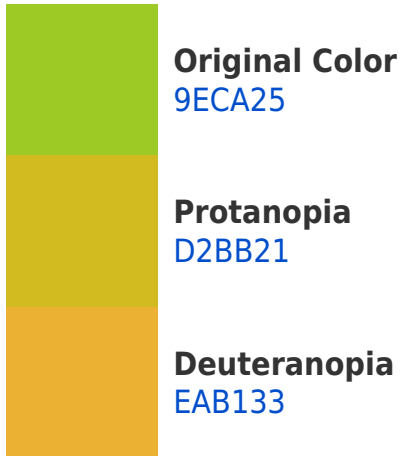


This preview shows how white text looks on a background with the Hex color 9ECA25.

# Color Blindness Simulation

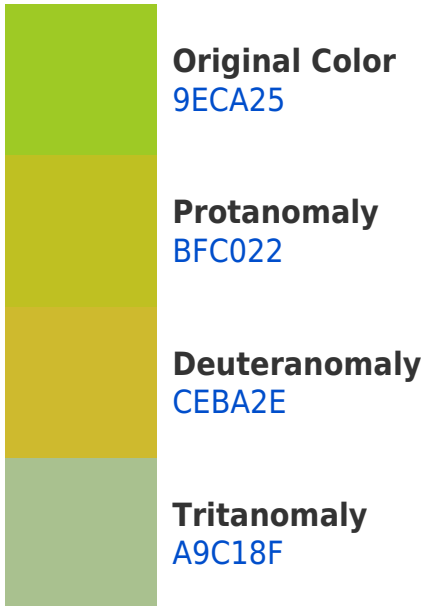
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

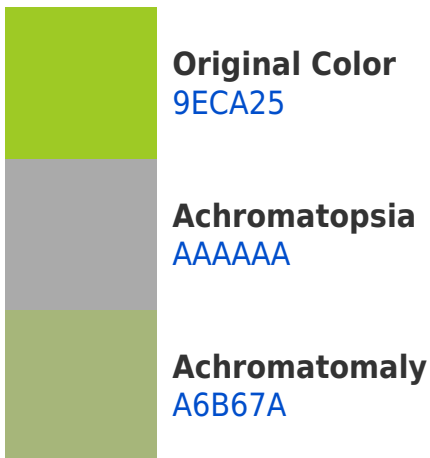




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ECA25 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 #9ECA25 looks like.

```
.text, #text, p{  
    color:#9ECA25  
}
```

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 #9ECA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ECA25
}
```

## Border

The CSS property to change the border of an element to Hex 9ECA25 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
#9ECA25 }
```

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

```
.border{ border-color:#9ECA25 }
```

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

Here you see how a box with a 4 pixel #9ECA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ECA25; -webkit-box-shadow:4px 4px  
4px 4px #9ECA25; box-shadow:4px 4px 4px  
4px #9ECA25 }
```

# Background

The CSS property to change the background color of an element to Hex 9ECA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ECA25 }
```

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

```
.background{ background-color:#9ECA25 }
```

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