

# Converting Colors

Hex(9ECC6B)

Have a look what the booklet for  
Hex(9ECC6B) contains.

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**Color**

**Hex(9ECC6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ECC6B
RGB	158, 204, 107
RGB Percent	62%, 80%, 42%
CMY	0.3804, 0.2000, 0.5804
CMYK	0.23, 0.00, 0.48, 0.20
HSL	88°, 49%, 61%
HSV	88°, 48%, 80%
XYZ	38.3473, 51.5164, 21.8325
YIQ	179.1880, 3.7210, -39.9190

# Conversions

## Conversions Part 2

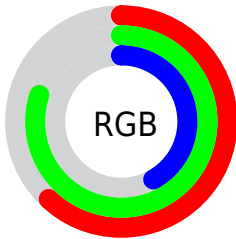
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 204, 153</a>
Decimal	<a href="#">10407019</a>
CIELab	<a href="#">76.99, -31.36, 43.27</a>
CIELCh	<a href="#">77, 53.438, 125.935</a>
Yxy	<a href="#">51.5164, 0.3433, 0.4612</a>
Android (android.graphics.Color)	<a href="#">4288597099 (0xFF9ECC6B)</a>
YUV	<a href="#">179.1880, -35.5887, -18.5819</a>
Hunter-Lab	<a href="#">71.7749, -30.2387, 32.2076</a>

# Details

The Hex color **9ECC6B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **996BCC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D6FFA0**, and **689638** is the 20% darker color. If you saturate the color by 10%, you get **94CC57**, and if you desaturate by 10%, it is **A8CC7F**.

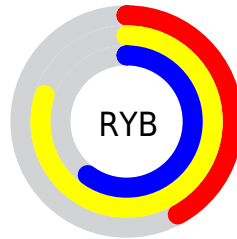
# Distribution



Red (62%)

Green (80%)

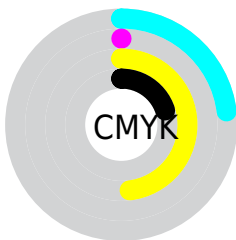
Blue (42%)



Red (42%)

Yellow (80%)

Blue (60%)

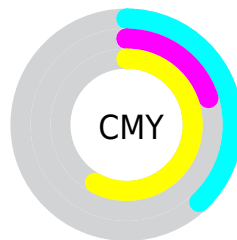


Cyan (23%)

Magenta (0%)

Yellow (48%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ECC6B 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 9ECC6B by changing the saturation by 10% instead.





9ECC6B



9ECC6B

FFFFFF



83B051



D6FFA0



689638



F3FFBC



4E7C1E



FFFFD8



346200



FFFFF5



1A4A00



003300



002000



000000



9ECC6B



9ECC6B

 94CC57

 A8CC7F

 8BCC42

 B1CC94

 81CC2E

 BBCCA8

 77CC19

 C5CCBD

 6ECC05

 CECCD1

 6BCC00

 D8CCE5

 E2CCFA

 EBCCFF

 F5CCFF

# Harmonies

## Analogous

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



D2BF58



9ECC6B



5AD494

# Triad

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



9ECC6B



00CEFF



FF94B6

# Complementary

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



9ECC6B



996BCC

# 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.



FF9CE7



9ECC6B



7CC0FF

# Square

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



9ECC6B



00D6F7



CFADFF



FF9C87

# Rectangle

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



9ECC6B



00D7B5



CFADFF



FF95C7



# Sweetspot

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



9ECC6B



EEFFDB



CC986B



75806A



000000



808080

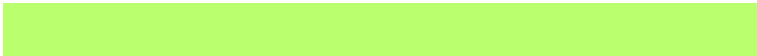


# Same Dimension

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



9ECC6B



BAFF6E



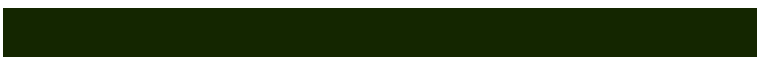
6ECC6B



61665C



57A600



142600



# Inverse Universe

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



996BCC



B36EFF



C96BCC



615C66



4F00A6



120026



# Previews

## White Background



This preview shows how the Hex color 9ECC6B looks on a white background.

## Color Contrast Check

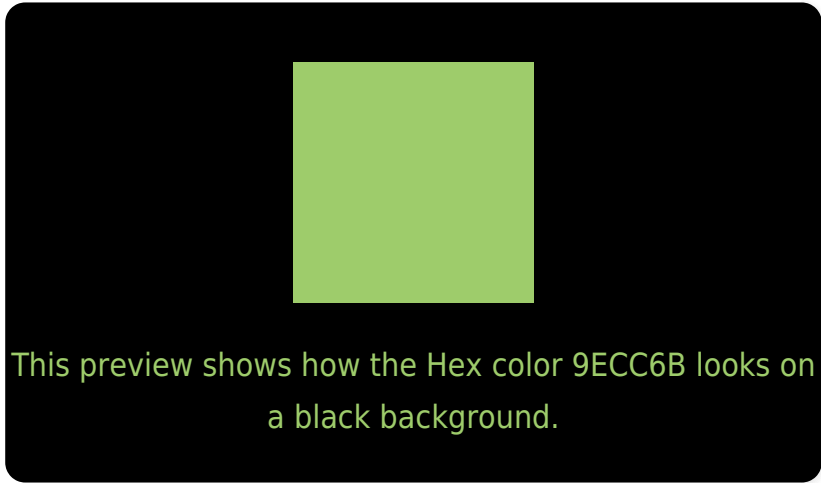
Large Text (above 18pt) WCAG AA × Fail

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 9ECC6B Background



This preview shows how black text looks on a background with the Hex color 9ECC6B.

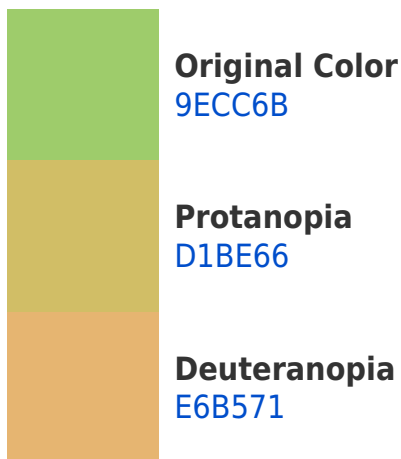


This preview shows how white text looks on a background with the Hex color 9ECC6B.

# Color Blindness Simulation

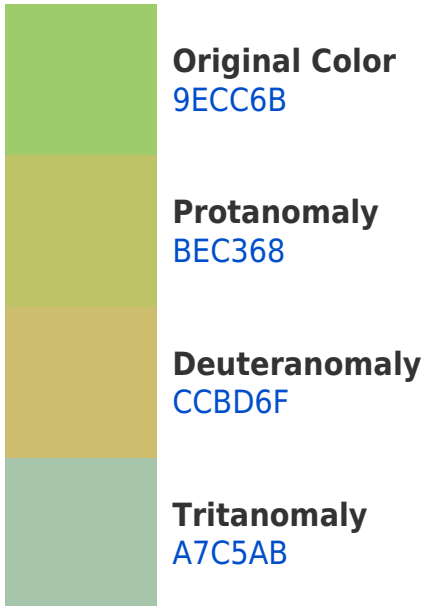
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

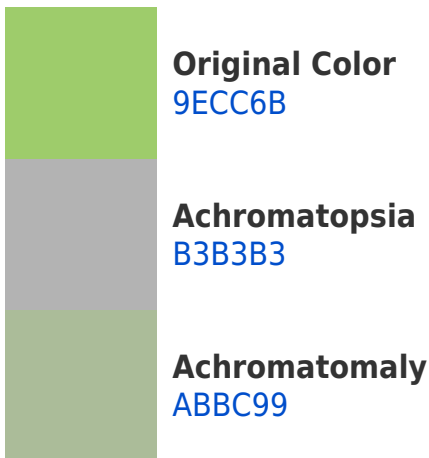




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ECC6B 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 #9ECC6B looks like.

```
.text, #text, p{  
    color:#9ECC6B  
}
```

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 #9ECC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ECC6B
}
```

## Border

The CSS property to change the border of an element to Hex 9ECC6B 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
#9ECC6B }
```

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

```
.border{ border-color:#9ECC6B }
```

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

Here you see how a box with a 4 pixel #9ECC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ECC6B; -webkit-box-shadow:4px 4px  
4px 4px #9ECC6B; box-shadow:4px 4px 4px  
4px #9ECC6B }
```

# Background

The CSS property to change the background color of an element to Hex 9ECC6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ECC6B }
```

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

```
.background{ background-color:#9ECC6B }
```

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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