

Converting Colors

Hex(9EC867)

Have a look what the booklet for
Hex(9EC867) contains.

Hex(9EC867)	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(9EC867)

Conversions

Conversions Part 1

Format	Color
Hex	9EC867
RGB	158, 200, 103
RGB Percent	62%, 78%, 40%
CMY	0.3804, 0.2157, 0.5961
CMYK	0.21, 0.00, 0.48, 0.22
HSL	86°, 47%, 59%
HSV	86°, 48%, 78%
XYZ	37.2030, 49.5569, 20.4366
YIQ	176.3840, 6.1050, -39.0710

Conversions

Conversions Part 2

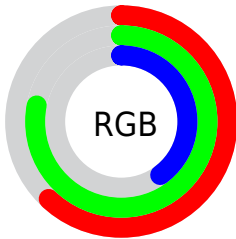
Format	Color
RYB	103, 200, 145
Decimal	10405991
CIELab	75.80, -29.93, 43.76
CIELCh	76, 53.013, 124.367
Yxy	49.5569, 0.3471, 0.4623
Android (android.graphics.Color)	4288596071 (0xFF9EC867)
YUV	176.3840, -36.1783, -16.1228
Hunter-Lab	70.3967, -28.8611, 32.0654

Details

The Hex color **9EC867** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9167C8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D6FF9C**, and **689234** is the 20% darker color. If you saturate the color by 10%, you get **95C853**, and if you desaturate by 10%, it is **A7C87B**.

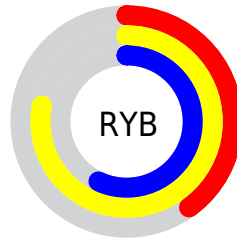
Distribution



Red (62%)

Green (78%)

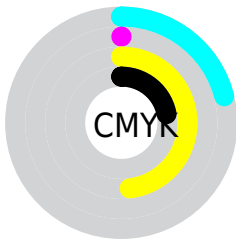
Blue (40%)



Red (40%)

Yellow (78%)

Blue (57%)

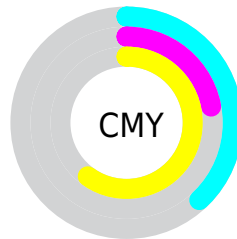


Cyan (21%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (38%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EC867 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 9EC867 by changing the saturation by 10% instead.



9EC867



9EC867

FFFFFF



83AD4D



D6FF9C



689234



F3FFB7



4E781A



FFFFD4



345F00



FFFFF0



1C4700



003000



001D00



000000



9EC867



9EC867

 95C853

 A7C87B

 8DC83F

 AFC88F

 84C82B

 B8C8A3

 7BC817

 C1C8B7

 73C803

 C9C8CB

 71C800

 D2C8DF

 DBC8F3

 E3C8FF

 ECC8FF

Harmonies

Analogous

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



D1BA56



9EC867



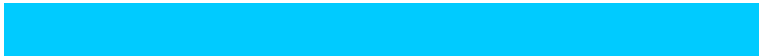
5CD08F

Triad

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



9EC867



00CBFF



FF92B6

Complementary

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



9EC867



9167C8

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.



FD99E6



9EC867



74BEFF

Square

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



9EC867



00D2F1



C8ABFF



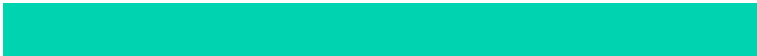
FF9986

Rectangle

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



9EC867



00D3B0



C8ABFF



FF93C6

Sweetspot

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



9EC867



EEFFD9



C88F67



768069



000000



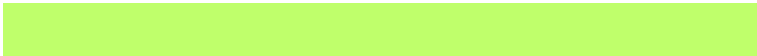
808080

Same Dimension

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



9EC867



BFFF6B



6FC867



5F635A



5DA300



142400

Inverse Universe

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



9167C8



AB6BFF



C067C8



5E5A63



4700A3



0F0024

Previews

White Background



This preview shows how the Hex color 9EC867 looks on a white background.

Color Contrast Check

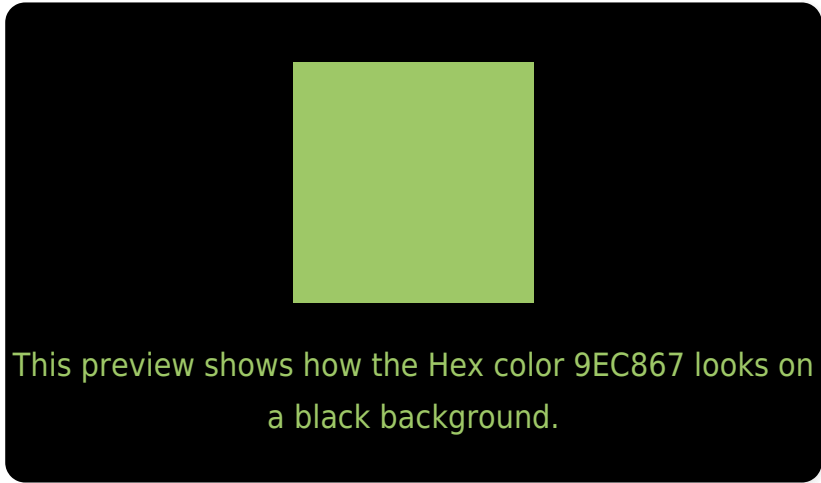
Large Text (above 18pt) WCAG AA × Fail

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

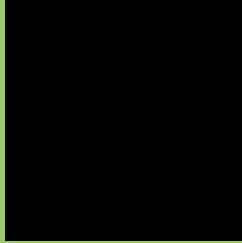
Any Text WCAG AA ✓ Pass

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 9EC867 Background



This preview shows how black text looks on a background with the Hex color 9EC867.

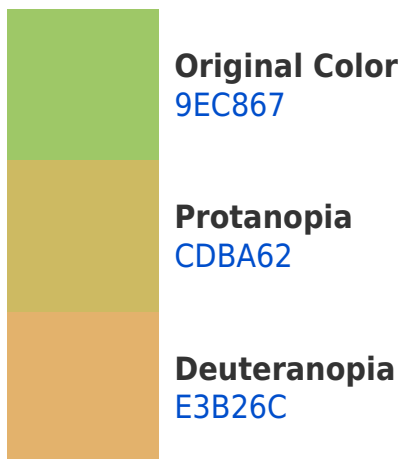


This preview shows how white text looks on a background with the Hex color 9EC867.

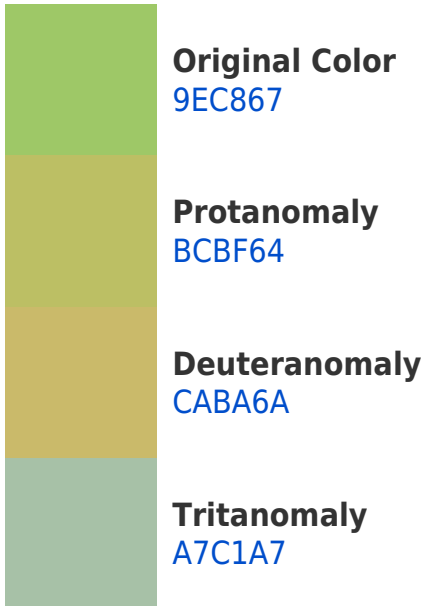
Color Blindness Simulation

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](#).

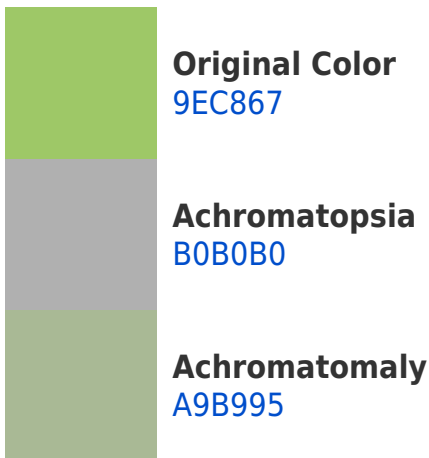
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EC867 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 #9EC867 looks like.

```
.text, #text, p{  
    color:#9EC867  
}
```

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 #9EC867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC867  
}
```

Border

The CSS property to change the border of an element to Hex 9EC867 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  
#9EC867 }
```

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

```
.border{ border-color:#9EC867 }
```

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

Here you see how a box with a 4 pixel #9EC867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC867; -webkit-box-shadow:4px 4px  
4px 4px #9EC867; box-shadow:4px 4px 4px  
4px #9EC867 }
```

Background

The CSS property to change the background color of an element to Hex 9EC867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC867 }
```

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

```
.background{ background-color:#9EC867 }
```

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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