

Converting Colors

Hex(9EB37A)

Have a look what the booklet for
Hex(9EB37A) contains.

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Color

Hex(9EB37A)

Conversions

Conversions Part 1

Format	Color
Hex	9EB37A
RGB	158, 179, 122
RGB Percent	62%, 70%, 48%
CMY	0.3804, 0.2980, 0.5216
CMYK	0.12, 0.00, 0.32, 0.30
HSL	82°, 27%, 59%
HSV	82°, 32%, 70%
XYZ	33.7335, 40.9144, 24.5317
YIQ	166.2230, 5.7810, -22.1790

Conversions

Conversions Part 2

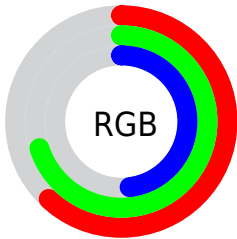
Format	Color
RYB	122, 179, 143
Decimal	10400634
CIELab	70.12, -17.18, 26.78
CIELCh	70, 31.816, 122.689
Yxy	40.9144, 0.3401, 0.4125
Android (android.graphics.Color)	4288590714 (0xFF9EB37A)
YUV	166.2230, -21.8019, -7.2116
Hunter-Lab	63.9644, -17.8005, 22.0361

Details

The Hex color **9EB37A** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8F7AB3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D5EBAF**, and **6A7E49** is the 20% darker color. If you saturate the color by 10%, you get **97B368**, and if you desaturate by 10%, it is **A5B38C**.

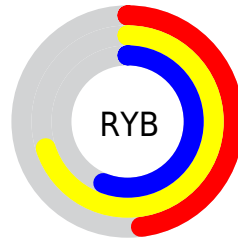
Distribution



Red (62%)

Green (70%)

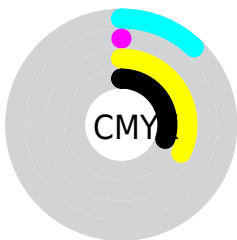
Blue (48%)



Red (48%)

Yellow (70%)

Blue (56%)

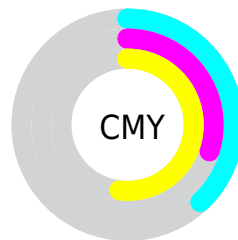


Cyan (12%)

Magenta (0%)

Yellow (32%)

Black (30%)



Cyan (38%)

Magenta (30%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB37A 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 9EB37A by changing the saturation by 10% instead.



9EB37A



9EB37A

FFFFFF



849861



D5EBAF



6A7E49



F2FFCA



516531



FFFFE7



394D1B



223603



0B2100



000100



000000



9EB37A



9EB37A

 97B368

 A5B38C

 91B356

 ABB39E

 8AB344

 B2B3B0

 84B332

 B8B3C2

 7DB321

 BFB3D3

 76B30F

 C6B3E5

 71B300

 CCB3F7

 D3B3FF

 D9B3FF

Harmonies

Analogous

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



[BDAA71](#)



[9EB37A](#)



[7CB990](#)

Triad

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



9EB37A



5FB5DE



E396AA

Complementary

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



9EB37A



8F7AB3

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.



D29AC6



9EB37A



89ADE5

Square

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



9EB37A



4ABACA



B3A3DC



E3988E

Rectangle

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



9EB37A



66BBA3



B3A3DC



DF96B4

Sweetspot

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



9EB37A



E0E8D1



B38F7A



707567



F5F5F5



757575

Same Dimension

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



9EB37A



C8E890



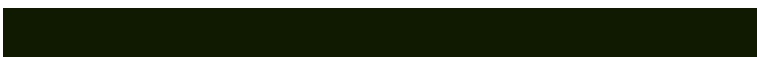
82B37A



565950



619900



101A00

Inverse Universe

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



8F7AB3



B090E8



AB7AB3



545059



380099



09001A

Previews

White Background



This preview shows how the Hex color 9EB37A 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

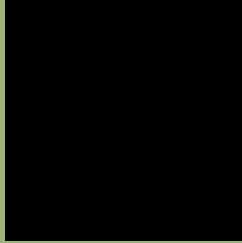
Any Text WCAG AA ✓ Pass

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 9EB37A Background



This preview shows how black text looks on a background with the Hex color 9EB37A.



This preview shows how white text looks on a background with the Hex color 9EB37A.

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



Original Color
9EB37A

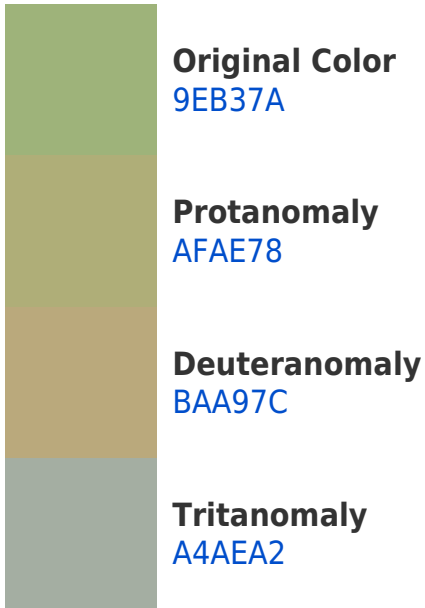
Protanopia
B9AB77

Deuteranopia
CAA47D

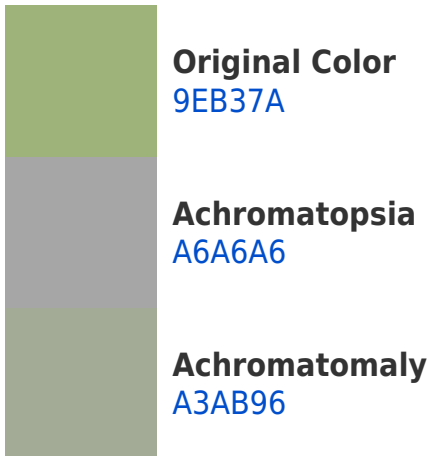


Tritanopia
A7ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB37A 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 #9EB37A looks like.

```
.text, #text, p{  
    color:#9EB37A  
}
```

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 #9EB37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB37A
}
```

Border

The CSS property to change the border of an element to Hex 9EB37A 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
#9EB37A }
```

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

```
.border{ border-color:#9EB37A }
```

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

Here you see how a box with a 4 pixel #9EB37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB37A; -webkit-box-shadow:4px 4px  
4px 4px #9EB37A; box-shadow:4px 4px 4px  
4px #9EB37A }
```

Background

The CSS property to change the background color of an element to Hex 9EB37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB37A }
```

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

```
.background{ background-color:#9EB37A }
```

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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