

Converting Colors

Hex(9EB174)

Have a look what the booklet for
Hex(9EB174) contains.

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Color

Hex(9EB174)

Conversions

Conversions Part 1

Format	Color
Hex	9EB174
RGB	158, 177, 116
RGB Percent	62%, 69%, 45%
CMY	0.3804, 0.3059, 0.5451
CMYK	0.11, 0.00, 0.34, 0.31
HSL	79°, 28%, 57%
HSV	79°, 34%, 69%
XYZ	32.9751, 39.9743, 22.5008
YIQ	164.3650, 8.2570, -22.9990

Conversions

Conversions Part 2

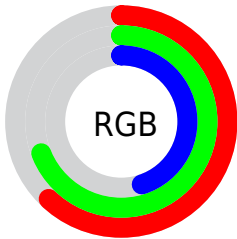
Format	Color
RYB	116, 177, 135
Decimal	10400116
CIELab	69.45, -16.99, 29.09
CIELCh	69, 33.686, 120.292
Yxy	39.9743, 0.3455, 0.4188
Android (android.graphics.Color)	4288590196 (0xFF9EB174)
YUV	164.3650, -23.8439, -5.5821
Hunter-Lab	63.2253, -17.5477, 23.1573

Details

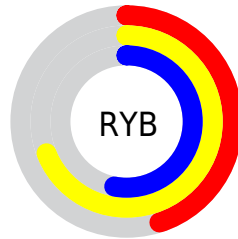
The Hex color **9EB174** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8774B1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D5E9A9**, and **6A7C43** is the 20% darker color. If you saturate the color by 10%, you get **98B162**, and if you desaturate by 10%, it is **A4B186**.

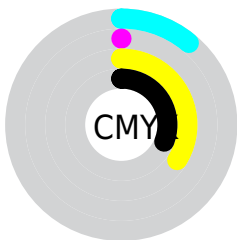
Distribution



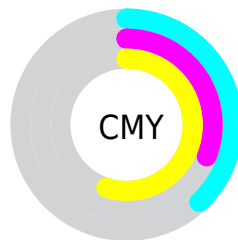
- Red (62%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (34%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB174 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 9EB174 by changing the saturation by 10% instead.



9EB174



9EB174

FFFFFF



83965B



D5E9A9



6A7C43



F2FFC4



51632C



FFFFEO



394C15

FFFFFFD



223500



082000



000000



9EB174



9EB174



98B162



A4B186

 93B151

 A9B197

 8DB13F

 AFB1A9

 88B12D

 B4B1BB

 82B11B

 BAB1CC

 7DB10A

 BFB1DE

 7AB100

 C5B1F0

 CAB1FF

 D0B1FF

Harmonies

Analogous

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



BEA86C



9EB174



7AB78A

Triad

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



9EB174



51B5DE



E392AA

Complementary

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



9EB174



8774B1

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.



D198C8



9EB174



80ACE6

Square

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



9EB174



3DB9C7



AEA2DE



E5958C

Rectangle

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



9EB174



61BA9E



AEA2DE



DF93B5

Sweetspot

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



9EB174



DEE6CF



B18674



6E7365



F2F2F2



737373

Same Dimension

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



9EB174



C8E687



80B174



565950



699900



121A00

Inverse Universe

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



8774B1



A587E6



A574B1



535059



300099



08001A

Previews

White Background



This preview shows how the Hex color 9EB174 looks on a white background.

Color Contrast Check

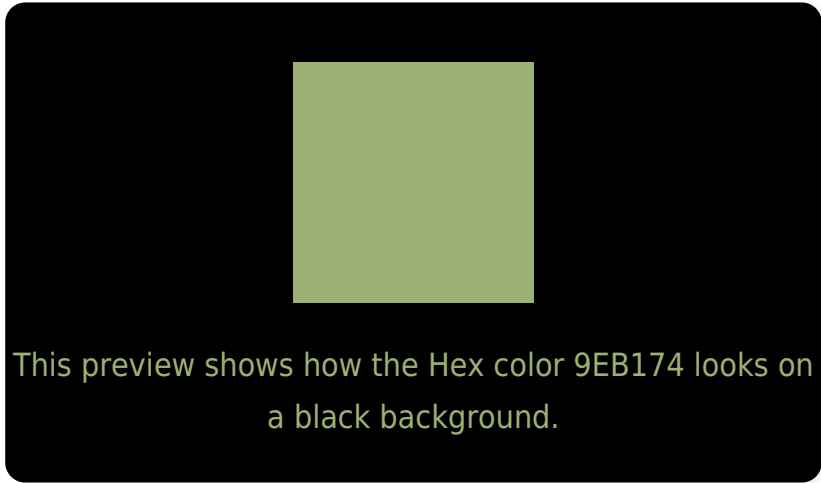
Large Text (above 18pt) WCAG AA × Fail

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

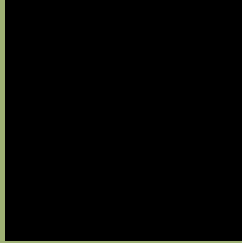
Any Text WCAG AA ✓ Pass

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 9EB174 Background



This preview shows how black text looks on a background with the Hex color 9EB174.

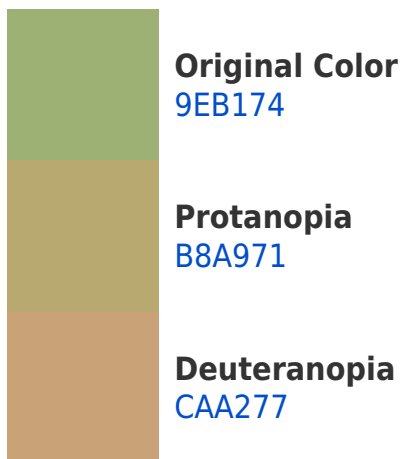


This preview shows how white text looks on a background with the Hex color 9EB174.

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](#).

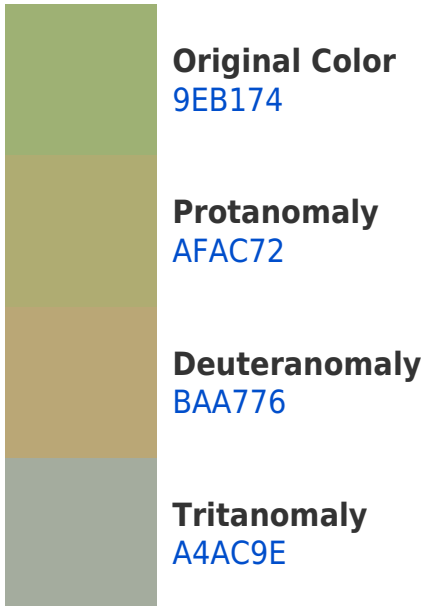
Dichromacy



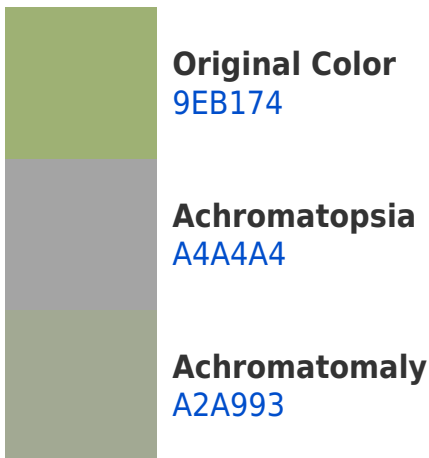


Tritanopia
A7A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB174 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 #9EB174 looks like.

```
.text, #text, p{  
    color:#9EB174  
}
```

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 #9EB174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB174
}
```

Border

The CSS property to change the border of an element to Hex 9EB174 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
#9EB174 }
```

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

```
.border{ border-color:#9EB174 }
```

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

Here you see how a box with a 4 pixel #9EB174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB174; -webkit-box-shadow:4px 4px  
4px 4px #9EB174; box-shadow:4px 4px 4px  
4px #9EB174 }
```

Background

The CSS property to change the background color of an element to Hex 9EB174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB174 }
```

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

```
.background{ background-color:#9EB174 }
```

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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