

# Converting Colors

Hex(9EB471)

Have a look what the booklet for  
Hex(9EB471) contains.

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**Color**

**Hex(9EB471)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EB471
RGB	158, 180, 113
RGB Percent	62%, 71%, 44%
CMY	0.3804, 0.2941, 0.5569
CMYK	0.12, 0.00, 0.37, 0.29
HSL	80°, 31%, 57%
HSV	80°, 37%, 71%
XYZ	33.4024, 41.1039, 21.7961
YIQ	165.7840, 8.3950, -25.5010

# Conversions

## Conversions Part 2

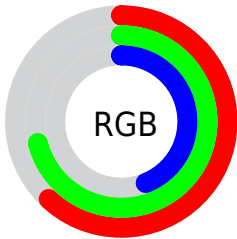
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 180, 135
Decimal	10400881
CIELab	70.25, -18.92, 31.71
CIELCh	70, 36.923, 120.819
Yxy	41.1039, 0.3468, 0.4268
Android (android.graphics.Color)	4288590961 (0xFF9EB471)
YUV	165.7840, -26.0225, -6.8266
Hunter-Lab	64.1123, -19.1982, 24.7219

# Details

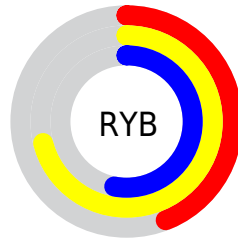
The Hex color **9EB471** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8771B4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D5ECA6**, and **697F40** is the 20% darker color. If you saturate the color by 10%, you get **98B45F**, and if you desaturate by 10%, it is **A4B483**.

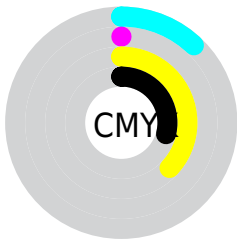
# Distribution



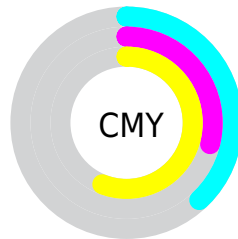
- Red (62%)
- Green (71%)
- Blue (44%)



- Red (44%)
- Yellow (71%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EB471 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 9EB471 by changing the saturation by 10% instead.





9EB471



9EB471

FFFFFF



839958



D5ECA6



697F40



F2FFC1



506628



FFFFDD



384E11



FFFFFA



223700



072200



000200



000000



9EB471



9EB471

 98B45F

 A4B483

 92B44D

 AAB495

 8CB43B

 B0B4A7

 86B429

 B6B4B9

 80B417

 BCB4CB

 7BB405

 C1B4DD

 79B400

 C7B4EF

 CDB4FF

 D3B4FF

# Harmonies

## Analogous

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



C1AA68



9EB471



76BB8A

# Triad

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



9EB471



44B8E5



EB92AC

# Complementary

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



9EB471



8771B4

# 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.



D797CD



9EB471



7DAFEE

# Square

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



9EB471



24BD CD



B1A3E5



EC958B

# Rectangle

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



9EB471



59BDA0



B1A3E5



E693B8



# Sweetspot

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



9EB471



E2EBD1



B48671



707566



F5F5F5



757575



# Same Dimension

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



9EB471



C8EB81



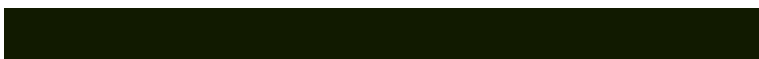
7DB471



565950



679900



111A00



# Inverse Universe

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



8771B4



A481EB



A871B4



535059



320099



08001A



# Previews

## White Background



This preview shows how the Hex color 9EB471 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



This preview shows how the Hex color 9EB471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

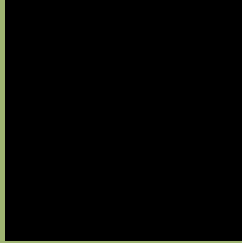
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EB471 Background



This preview shows how black text looks on a background with the Hex color 9EB471.

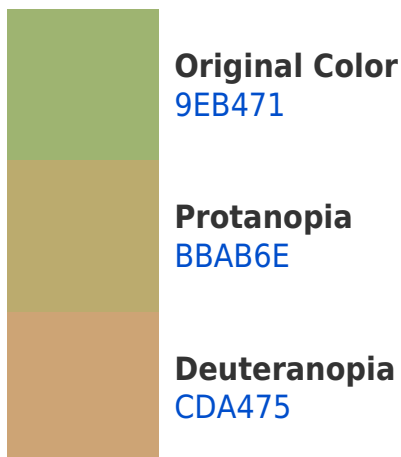


This preview shows how white text looks on a background with the Hex color 9EB471.

# 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**  
A8ABB9

# Trichromacy



**Original Color**  
9EB471

**Protanomaly**  
B0AE6F

**Deuteranomaly**  
BCAA74

**Tritanomaly**  
A4AE9F

# Monochromacy



**Original Color**  
9EB471

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A3AB93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EB471 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 #9EB471 looks like.

```
.text, #text, p{  
    color:#9EB471  
}
```

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 #9EB471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB471
}
```

## Border

The CSS property to change the border of an element to Hex 9EB471 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
#9EB471 }
```

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

```
.border{ border-color:#9EB471 }
```

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

Here you see how a box with a 4 pixel #9EB471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB471; -webkit-box-shadow:4px 4px  
4px 4px #9EB471; box-shadow:4px 4px 4px  
4px #9EB471 }
```

# Background

The CSS property to change the background color of an element to Hex 9EB471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB471 }
```

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

```
.background{ background-color:#9EB471 }
```

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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