

# Converting Colors

Hex(9EB473)

Have a look what the booklet for  
Hex(9EB473) contains.

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**Color**

**Hex(9EB473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EB473
RGB	158, 180, 115
RGB Percent	62%, 71%, 45%
CMY	0.3804, 0.2941, 0.5490
CMYK	0.12, 0.00, 0.36, 0.29
HSL	80°, 30%, 58%
HSV	80°, 36%, 71%
XYZ	33.5163, 41.1494, 22.3958
YIQ	166.0120, 7.7530, -24.8790

# Conversions

## Conversions Part 2

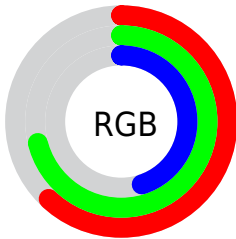
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 180, 137
Decimal	10400883
CIELab	70.28, -18.65, 30.70
CIELCh	70, 35.923, 121.283
Yxy	41.1494, 0.3453, 0.4240
Android (android.graphics.Color)	4288590963 (0xFF9EB473)
YUV	166.0120, -25.1489, -7.0265
Hunter-Lab	64.1478, -18.9950, 24.2037

# Details

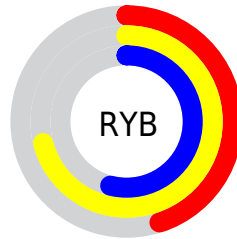
The Hex color **9EB473** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8973B4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D5ECA8**, and **6A7F42** is the 20% darker color. If you saturate the color by 10%, you get **98B461**, and if you desaturate by 10%, it is **A4B485**.

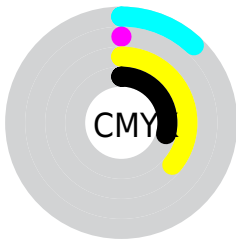
# Distribution



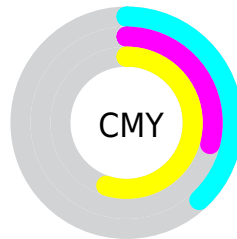
- Red (62%)
- Green (71%)
- Blue (45%)



- Red (45%)
- Yellow (71%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EB473 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 9EB473 by changing the saturation by 10% instead.



 9EB473

 9EB473

FFFFFF

 83995A

 D5ECA8

 6A7F42

 F2FFC3

 51662A

 FFFFDF

 384E13

 FFFFFC

 223700

 082200

 000200

 000000

 9EB473

 9EB473

 98B461

 A4B485

 92B44F

 AAB497

 8CB43D

 B0B4A9

 86B42B

 B6B4BB

 80B419

 BCB4CD

 79B407

 C3B4DF

 77B400

 C9B4F1

 CFB4FF

 D5B4FF

# Harmonies

## Analogous

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



C0AA6A



9EB473



77BB8B

# Triad

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



9EB473



4AB7E4



EA93AC

# Complementary

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



9EB473



8973B4

# 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.



D698CC



9EB473



80AFED

# Square

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



9EB473



2EBCCD



B2A3E4



EA968C

# Rectangle

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



9EB473



5BBDA1



B2A3E4



E594B7



# Sweetspot

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



9EB473



E2EBD1



B48973



707566



F5F5F5



757575



# Same Dimension

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



9EB473



C8EB86



7EB473



565950



659900



111A00



# Inverse Universe

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



8973B4



A886EB



A973B4



535059



340099



09001A



# Previews

## White Background



This preview shows how the Hex color 9EB473 looks on a white background.

## Color Contrast Check

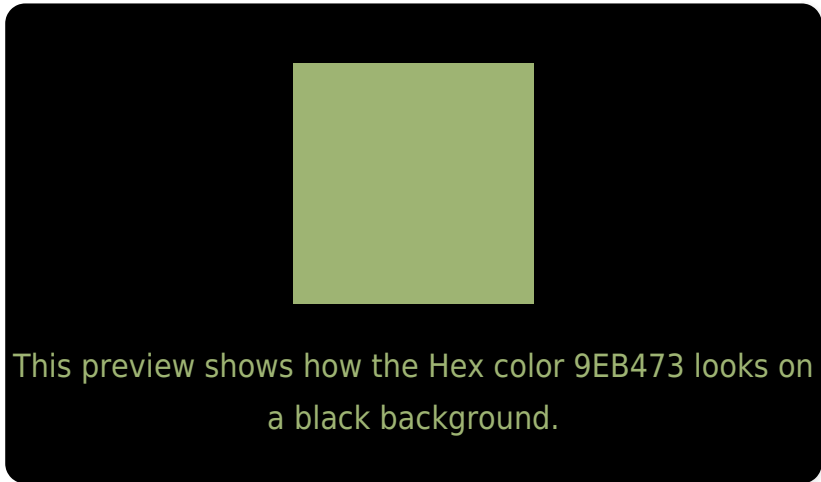
Large Text (above 18pt) WCAG AA × Fail

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 9EB473 Background



This preview shows how black text looks on a background with the Hex color 9EB473.

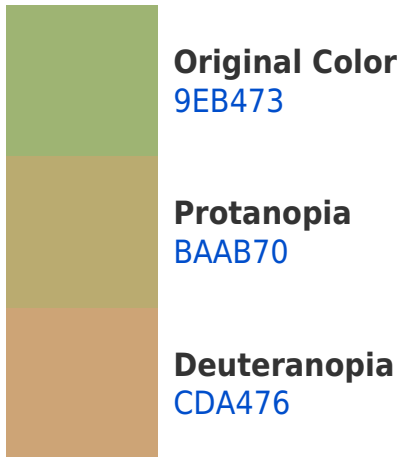


This preview shows how white text looks on a background with the Hex color 9EB473.

# 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**  
A7ABB9

# Trichromacy



**Original Color**  
9EB473

**Protanomaly**  
B0AE71

**Deuteranomaly**  
BCAA75

**Tritanomaly**  
A4AEA0

# Monochromacy



**Original Color**  
9EB473

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A3AB93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EB473 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 #9EB473 looks like.

```
.text, #text, p{  
    color:#9EB473  
}
```

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 #9EB473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB473
}
```

## Border

The CSS property to change the border of an element to Hex 9EB473 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
#9EB473 }
```

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

```
.border{ border-color:#9EB473 }
```

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

Here you see how a box with a 4 pixel #9EB473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB473; -webkit-box-shadow:4px 4px  
4px 4px #9EB473; box-shadow:4px 4px 4px  
4px #9EB473 }
```

# Background

The CSS property to change the background color of an element to Hex 9EB473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB473 }
```

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

```
.background{ background-color:#9EB473 }
```

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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