

# Converting Colors

Hex(A9E473)

Have a look what the booklet for  
Hex(A9E473) contains.

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# **Color**

**Hex(A9E473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9E473
RGB	169, 228, 115
RGB Percent	66%, 89%, 45%
CMY	0.3373, 0.1059, 0.5490
CMYK	0.26, 0.00, 0.50, 0.11
HSL	91°, 68%, 67%
HSV	91°, 50%, 89%
XYZ	47.2001, 65.1596, 26.3090
YIQ	197.4770, 1.1090, -47.6510

# Conversions

## Conversions Part 2

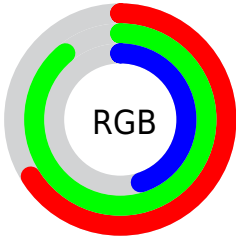
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 228, 174
Decimal	11134067
CIELab	84.57, -37.53, 48.82
CIELCh	85, 61.576, 127.548
Yxy	65.1596, 0.3404, 0.4699
Android (android.graphics.Color)	4289324147 (0xFFA9E473)
YUV	197.4770, -40.6612, -24.9743
Hunter-Lab	80.7215, -36.8888, 37.1811

# Details

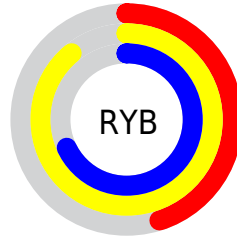
The Hex color **A9E473** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AE73E4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E2FFA9**, and **72AC3F** is the 20% darker color. If you saturate the color by 10%, you get **9DE45C**, and if you desaturate by 10%, it is **B5E48A**.

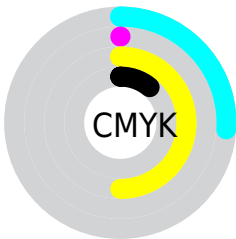
# Distribution



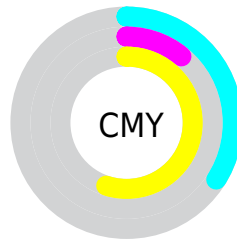
- Red (66%)
- Green (89%)
- Blue (45%)



- Red (45%)
- Yellow (89%)
- Blue (68%)



- Cyan (26%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (34%)
- Magenta (11%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9E473 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 A9E473 by changing the saturation by 10% instead.



 A9E473

 A9E473

FFFFFF

 8DC859

 E2FFA9

 72AC3F

 FFFFC5

 579124

 FFFFE2

 3C7701

 1F5E00

 004600

 002F00

 001900


 000000

 A9E473

 A9E473

 9DE45C

 B5E48A

 91E445

 C1E4A1

 85E42F

 CDE4B7

 79E418

 D9E4CE

 6DE401

 E5E4E5

 6DE400

 F0E4FC

 FCE4FF

 FFE4FF

# Harmonies

## Analogous

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



E7D55B



A9E473



53EDA5

# Triad

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



A9E473



00E5FF



FFA1C7

# Complementary

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



A9E473



AE73E4

# 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.



FFA9FF



A9E473



88D4FF

# Square

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



A9E473



00EEFF



EBBEFF



FFAC8F

# Rectangle

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



A9E473



00F0CC



EBBEFF



FFA2DA



# Sweetspot

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



A9E473



EBFFD9



E4AD73



748069



000000



808080



# Same Dimension

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



A9E473



B0FF69



73E475



6D7367



55B300



183300



# Inverse Universe

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



AE73E4



B769FF



E473E2



6D6773



5D00B3



1B0033



# Previews

## White Background



This preview shows how the Hex color A9E473 looks on a white background.

## Color Contrast Check

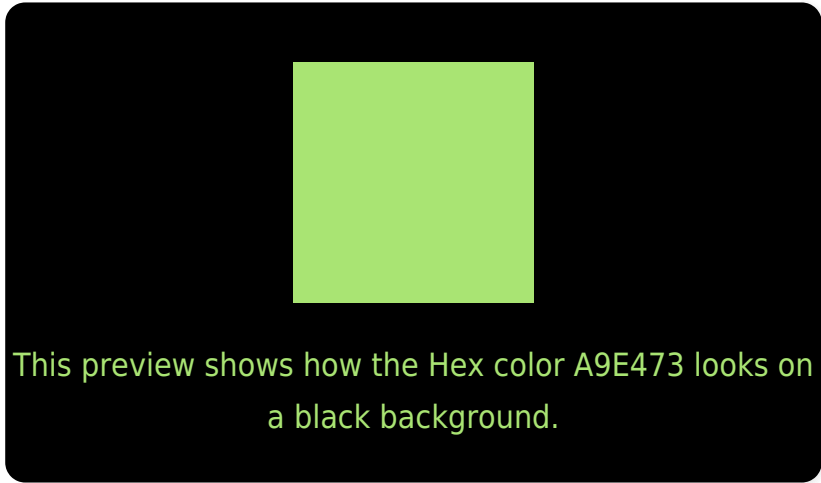
Large Text (above 18pt) WCAG AA × Fail

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 A9E473 Background



This preview shows how black text looks on a background with the Hex color A9E473.

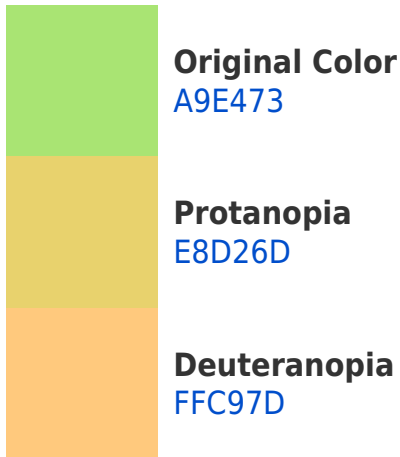


This preview shows how white text looks on a background with the Hex color A9E473.

# 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](#).

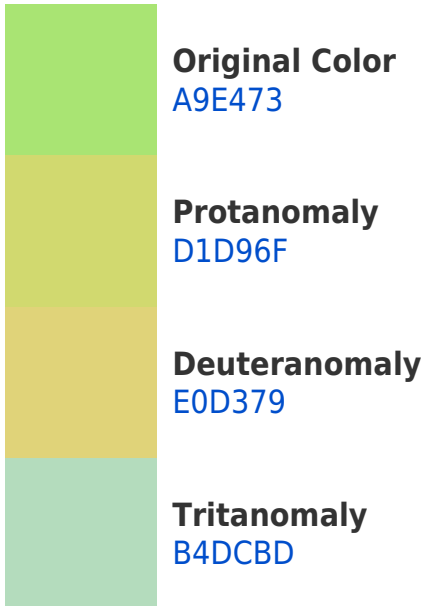
## Dichromacy



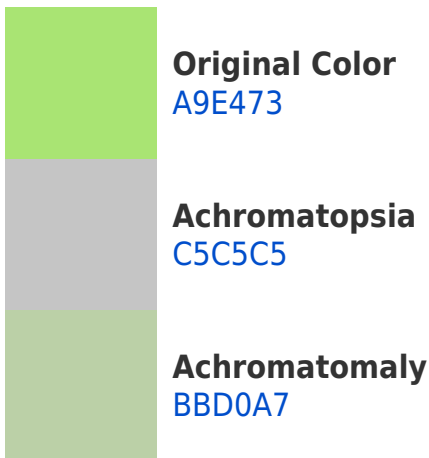


**Tritanopia**  
BAD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9E473 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 #A9E473 looks like.

```
.text, #text, p{  
    color:#A9E473  
}
```

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 #A9E473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9E473  
}
```

## Border

The CSS property to change the border of an element to Hex A9E473 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  
#A9E473 }
```

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

```
.border{ border-color:#A9E473 }
```

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

Here you see how a box with a 4 pixel #A9E473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9E473; -webkit-box-shadow:4px 4px  
4px 4px #A9E473; box-shadow:4px 4px 4px  
4px #A9E473 }
```

# Background

The CSS property to change the background color of an element to Hex A9E473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9E473 }
```

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

```
.background{ background-color:#A9E473 }
```

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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