

# Converting Colors

Hex(A1CE74)

Have a look what the booklet for  
Hex(A1CE74) contains.

<b>Hex(A1CE74)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A1CE74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1CE74
RGB	161, 206, 116
RGB Percent	63%, 81%, 45%
CMY	0.3686, 0.1922, 0.5451
CMYK	0.22, 0.00, 0.44, 0.19
HSL	90°, 48%, 63%
HSV	90°, 44%, 81%
XYZ	39.9216, 52.9806, 24.6452
YIQ	182.2850, 2.0700, -37.5300

# Conversions

## Conversions Part 2

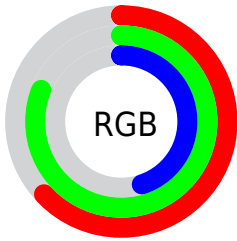
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 206, 161
Decimal	10604148
CIELab	77.86, -30.13, 39.95
CIELCh	78, 50.039, 127.029
Yxy	52.9806, 0.3396, 0.4507
Android (android.graphics.Color)	4288794228 (0xFFA1CE74)
YUV	182.2850, -32.6785, -18.6669
Hunter-Lab	72.7878, -29.4775, 30.8765

# Details

The Hex color **A1CE74** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A174CE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D9FFA9**, and **6B9741** is the 20% darker color. If you saturate the color by 10%, you get **97CE5F**, and if you desaturate by 10%, it is **ABCE89**.

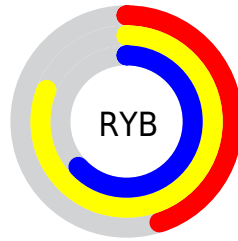
# Distribution



Red (63%)

Green (81%)

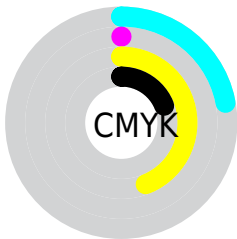
Blue (45%)



Red (45%)

Yellow (81%)

Blue (63%)

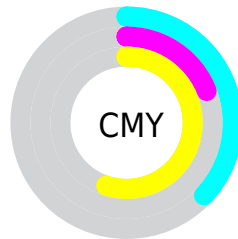


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (19%)



Cyan (37%)

Magenta (19%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1CE74 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 A1CE74 by changing the saturation by 10% instead.



 A1CE74

 A1CE74


FFFFFF

 86B25A

 D9FFA9

 6B9741

 F6FFC5

 517D29

 FFFFE1

 38640E

FFFFFFE

 1E4C00

 003500

 002100

 000000

 A1CE74

 A1CE74

97CE5F

ABCE89

8CCE4B

B6CE9D

82CE36

C0CEB2

78CE22

CACEC6

6ECE0D

D5CEDB

67CE00

DFCEF0

E9CEFF

F3CEFF

FECEFF

# Harmonies

## Analogous

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



D3C162



A1CE74



63D69B

# Triad

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



A1CE74



00CFFF



FF9AB7

# Complementary

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



A1CE74



A174CE

# 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.



FFA0E6



A1CE74



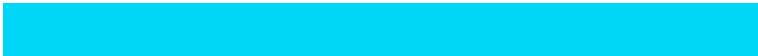
89C2FF

# Square

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



A1CE74



00D7F7



D3B0FF



FFA28B

# Rectangle

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



A1CE74



1AD8BA



D3B0FF



FF9BC7



# Sweetspot

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



A1CE74



EEFFDE



CEA174



75806B



000000



808080

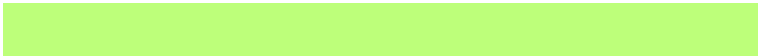


# Same Dimension

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



A1CE74



BDF7A



74CE74



61665C



53A600



132600



# Inverse Universe

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



A174CE



BD7AFF



CE74CE



615C66



5300A6



130026



# Previews

## White Background



This preview shows how the Hex color A1CE74 looks on a white background.

## Color Contrast Check

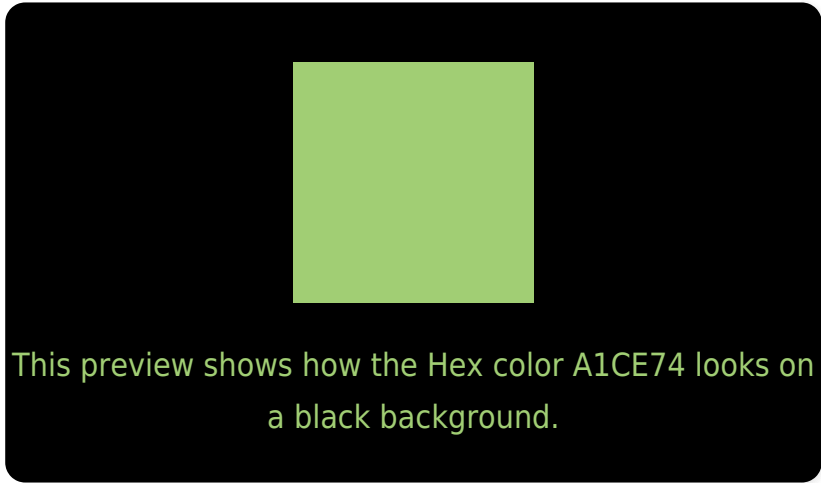
Large Text (above 18pt) WCAG AA × Fail

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 A1CE74 Background



This preview shows how black text looks on a background with the Hex color A1CE74.

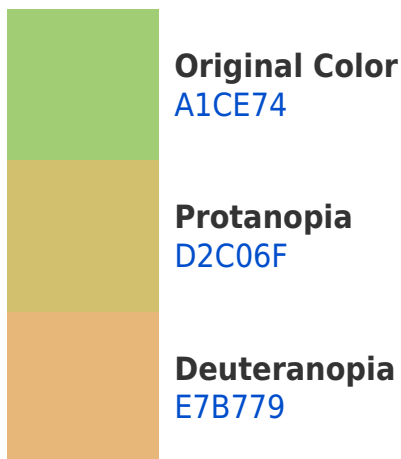


This preview shows how white text looks on a background with the Hex color A1CE74.

# 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](#).

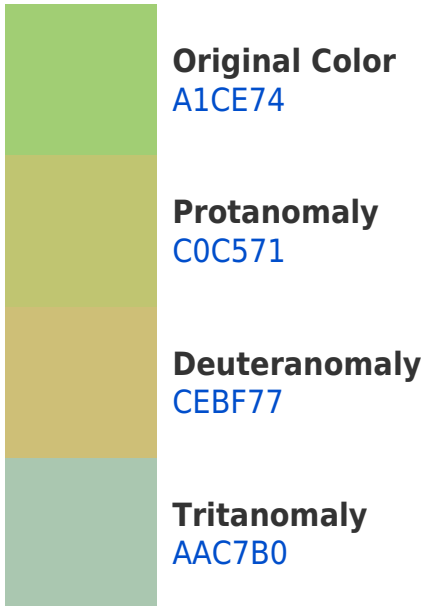
## Dichromacy



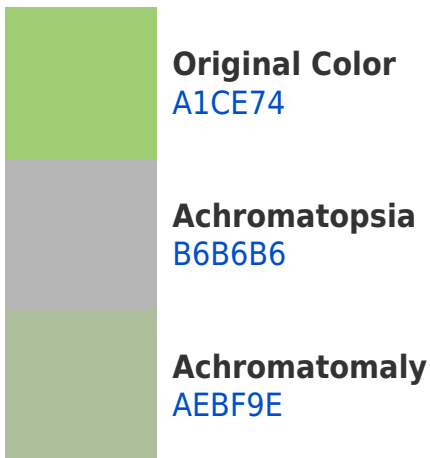


**Tritanopia**  
AFC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1CE74 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 #A1CE74 looks like.

```
.text, #text, p{  
    color:#A1CE74  
}
```

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 #A1CE74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1CE74
}
```

## Border

The CSS property to change the border of an element to Hex A1CE74 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
#A1CE74 }
```

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

```
.border{ border-color:#A1CE74 }
```

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

Here you see how a box with a 4 pixel #A1CE74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1CE74; -webkit-box-shadow:4px 4px  
4px 4px #A1CE74; box-shadow:4px 4px 4px  
4px #A1CE74 }
```

# Background

The CSS property to change the background color of an element to Hex A1CE74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1CE74 }
```

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

```
.background{ background-color:#A1CE74 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor