

# Converting Colors

Hex(A7D74D)

Have a look what the booklet for  
Hex(A7D74D) contains.

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# Color

Hex(A7D74D)

# Conversions

## Conversions Part 1

Format	Color
Hex	A7D74D
RGB	167, 215, 77
RGB Percent	65%, 84%, 30%
CMY	0.3451, 0.1569, 0.6980
CMYK	0.22, 0.00, 0.64, 0.16
HSL	81°, 63%, 57%
HSV	81°, 64%, 84%
XYZ	41.5763, 57.3522, 15.9000
YIQ	184.9160, 15.6900, -53.0940

# Conversions

## Conversions Part 2

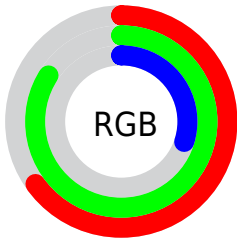
Format	Color
<a href="#">RYB</a>	<a href="#">77, 215, 125</a>
Decimal	<a href="#">10999629</a>
CIELab	<a href="#">80.38, -35.87, 60.85</a>
CIElCh	<a href="#">80, 70.632, 120.517</a>
Yxy	<a href="#">57.3522, 0.3621, 0.4995</a>
Android (android.graphics.Color)	<a href="#">4289189709 (0xFFA7D74D)</a>
YUV	<a href="#">184.9160, -53.2026, -15.7123</a>
Hunter-Lab	<a href="#">75.7312, -34.5334, 40.5638</a>

# Details

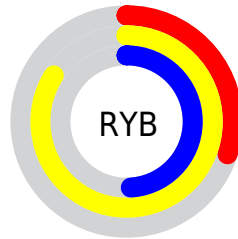
The Hex color **A7D74D** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7D4DD7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E1FF84**, and **6FA00C** is the 20% darker color. If you saturate the color by 10%, you get **A0D737**, and if you desaturate by 10%, it is **AED762**.

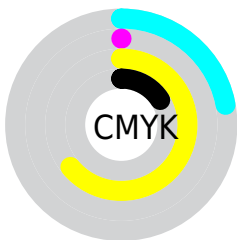
# Distribution



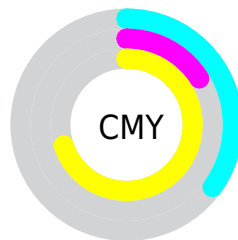
- Red (65%)
- Green (84%)
- Blue (30%)



- Red (30%)
- Yellow (84%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (64%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7D74D 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 A7D74D by changing the saturation by 10% instead.



 A7D74D

 A7D74D

FFFFFF

 8BBB31

 E1FF84

 6FA00C

 FFFFA0

 548600

 FFFFBC

 386C00

 FFFF80

 1A5300

 FFFF60

 003C00

 002700

 000300

 000000

 A7D74D

 A7D74D

 A0D737

 AED762

 98D722

 B6D778

 91D70C

 BDD78D

 8CD700

 C5D7A3

 CCD7B8

 D4D7CE

 DBD7E3

 E3D7F9

 EAD7FF

# Harmonies

## Analogous

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



E9C437



A7D74D



43E283

# Triad

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



A7D74D



00DFFF



FF8AC9

# Complementary

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



A7D74D



7D4DD7

# 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.



FF9AFF



A7D74D



00CEFF

# Square

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



A7D74D



00E6FF



CAB5FF



FF9388

# Rectangle

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



A7D74D



00E6AF



CAB5FF



FF8DDF

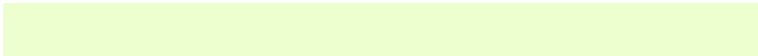


# Sweetspot

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



A7D74D



EEFFCF



D77B4D



758062



000000



808080



# Same Dimension

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



A7D74D



BBFF3B



64D74D



676B60



6FAB00



1C2B00



# Inverse Universe

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



7D4DD7



7F3BFF



C04DD7



64606B



3B00AB



0F002B



# Previews

## White Background



This preview shows how the Hex color A7D74D looks on a white background.

## Color Contrast Check

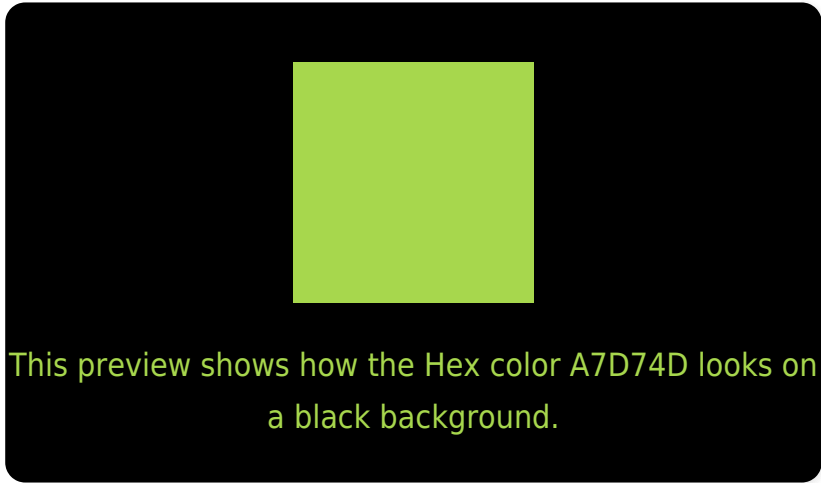
Large Text (above 18pt) WCAG AA × Fail

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 A7D74D Background



This preview shows how black text looks on a background with the Hex color A7D74D.



This preview shows how white text looks on a background with the Hex color A7D74D.

# 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



**Original Color**  
A7D74D

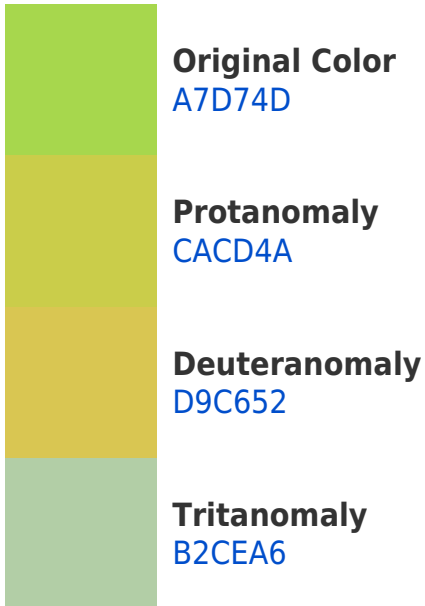
**Protanopia**  
DEC749

**Deuteranopia**  
F6BD55



**Tritanopia**  
B8C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7D74D 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 #A7D74D looks like.

```
.text, #text, p{  
    color:#A7D74D  
}
```

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 #A7D74D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7D74D
}
```

## Border

The CSS property to change the border of an element to Hex A7D74D 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
#A7D74D }
```

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

```
.border{ border-color:#A7D74D }
```

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

Here you see how a box with a 4 pixel #A7D74D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7D74D; -webkit-box-shadow:4px 4px  
4px 4px #A7D74D; box-shadow:4px 4px 4px  
4px #A7D74D }
```

# Background

The CSS property to change the background color of an element to Hex A7D74D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7D74D }
```

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

```
.background{ background-color:#A7D74D }
```

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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