

# Converting Colors

Hex(A8D756)

Have a look what the booklet for  
Hex(A8D756) contains.

<b>Hex(A8D756)</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(A8D756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8D756
RGB	168, 215, 86
RGB Percent	66%, 84%, 34%
CMY	0.3412, 0.1569, 0.6627
CMYK	0.22, 0.00, 0.60, 0.16
HSL	82°, 62%, 59%
HSV	82°, 60%, 84%
XYZ	42.1286, 57.5976, 17.7011
YIQ	186.2410, 13.3970, -50.0830

# Conversions

## Conversions Part 2

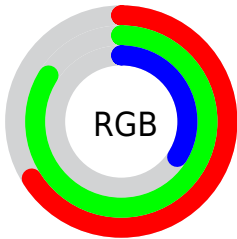
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 215, 133
Decimal	11065174
CIELab	80.51, -34.78, 57.25
CIELCh	81, 66.989, 121.283
Yxy	57.5976, 0.3588, 0.4905
Android (android.graphics.Color)	4289255254 (0xFFA8D756)
YUV	186.2410, -49.4188, -15.9974
Hunter-Lab	75.8931, -33.7267, 39.2965

# Details

The Hex color **A8D756** 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 **8556D7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E2FF8C**, and **70A01D** is the 20% darker color. If you saturate the color by 10%, you get **A0D741**, and if you desaturate by 10%, it is **B0D76C**.

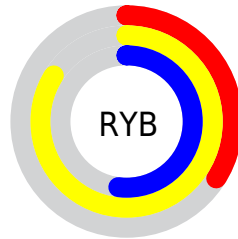
# Distribution



Red (66%)

Green (84%)

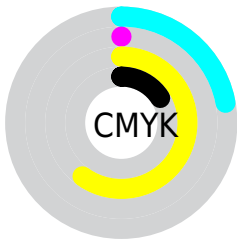
Blue (34%)



Red (34%)

Yellow (84%)

Blue (52%)

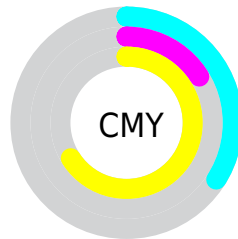


Cyan (22%)

Magenta (0%)

Yellow (60%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8D756 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 A8D756 by changing the saturation by 10% instead.



 A8D756

 A8D756

FFFFFF

 8CBB3B

 E2FF8C

 70A01D

 FFFFA8

 558600

 FFFFC4

 3A6C00

 FFFFE1

 1E5300

FFFFFFE

 003C00

 002700

 000400

 000000

 A8D756

 A8D756

 A0D741

 B0D76C

 98D72B

 B8D781

 90D715

 BFD797

 89D700

 C7D7AC

 CFD7C2

 D7D7D7

 DFD7ED

 E7D7FF

 EFD7FF

# Harmonies

## Analogous

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



E7C542



A8D756



4DE289

# Triad

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



A8D756



00DEFF



FF8FC8

# Complementary

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



A8D756



8556D7

# 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.



FF9DFF



A8D756



3CCEFF

# Square

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



A8D756



00E5FF



CDB6FF



FF988A

# Rectangle

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



A8D756



00E5B3



CDB6FF



FF92DD

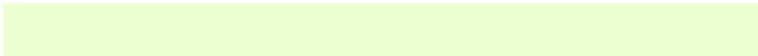


# Sweetspot

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



A8D756



EEFFD1



D78356



758063



000000



808080



# Same Dimension

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



A8D756



BCFF47



69D756



676B60



6DAB00



1C2B00



# Inverse Universe

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



8556D7



8A47FF



C456D7



64606B



3E00AB



10002B



# Previews

## White Background



This preview shows how the Hex color A8D756 looks on a white background.

## Color Contrast Check

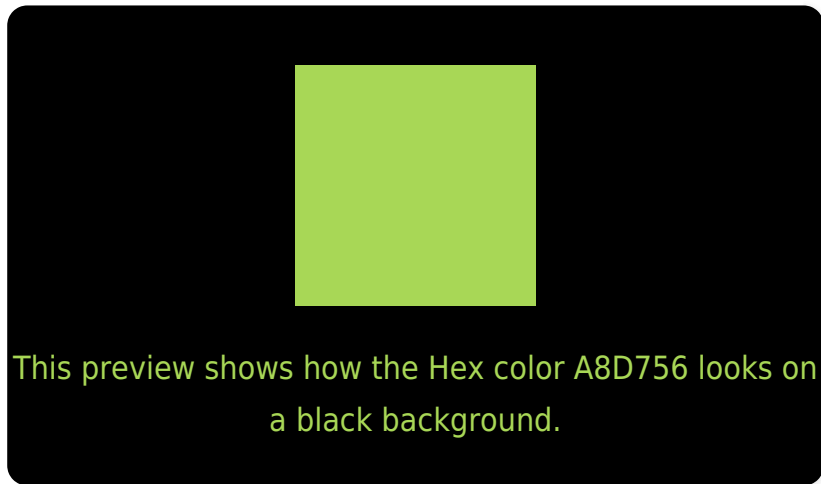
Large Text (above 18pt) WCAG AA × Fail

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 A8D756 Background



This preview shows how black text looks on a background with the Hex color A8D756.

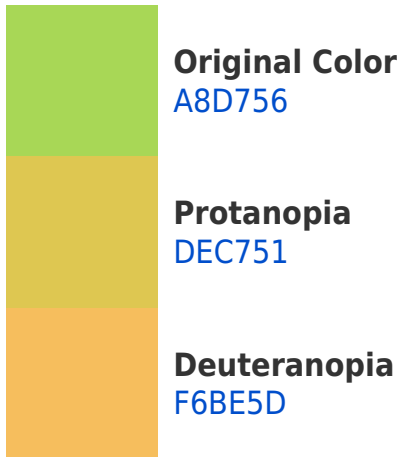


This preview shows how white text looks on a background with the Hex color A8D756.

# Color Blindness Simulation

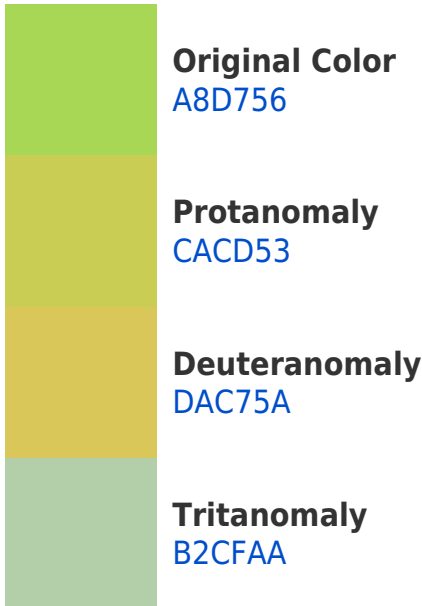
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

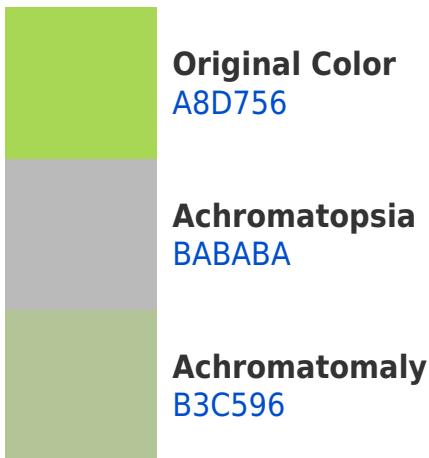




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8D756 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 #A8D756 looks like.

```
.text, #text, p{  
    color:#A8D756  
}
```

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 #A8D756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D756
}
```

## Border

The CSS property to change the border of an element to Hex A8D756 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
#A8D756 }
```

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

```
.border{ border-color:#A8D756 }
```

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

Here you see how a box with a 4 pixel #A8D756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D756; -webkit-box-shadow:4px 4px  
4px 4px #A8D756; box-shadow:4px 4px 4px  
4px #A8D756 }
```

# Background

The CSS property to change the background color of an element to Hex A8D756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D756 }
```

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

```
.background{ background-color:#A8D756 }
```

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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