

# Converting Colors

Hex(A7A154)

Have a look what the booklet for  
Hex(A7A154) contains.

<b>Hex(A7A154)</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(A7A154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A154
RGB	167, 161, 84
RGB Percent	65%, 63%, 33%
CMY	0.3451, 0.3686, 0.6706
CMYK	0.00, 0.04, 0.50, 0.35
HSL	56°, 33%, 49%
HSV	56°, 50%, 65%
XYZ	30.2815, 34.3453, 13.4208
YIQ	154.0160, 28.2930, -22.6750

# Conversions

## Conversions Part 2

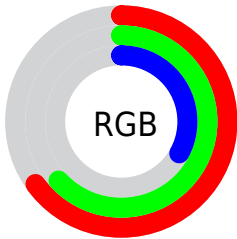
Format	Color
<a href="#">RYB</a>	<a href="#">90, 167, 84</a>
Decimal	<a href="#">10985812</a>
CIELab	<a href="#">65.24, -8.66, 40.53</a>
CIELCh	<a href="#">65, 41.443, 102.062</a>
Yxy	<a href="#">34.3453, 0.3880, 0.4401</a>
Android (android.graphics.Color)	<a href="#">4289175892 (0xFFA7A154)</a>
YUV	<a href="#">154.0160, -34.5179, 11.3870</a>
Hunter-Lab	<a href="#">58.6049, -10.3266, 27.4457</a>

# Details

The Hex color **A7A154** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **545AA7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E0D887**, and **716E23** is the 20% darker color. If you saturate the color by 10%, you get **A7A043**, and if you desaturate by 10%, it is **A7A265**.

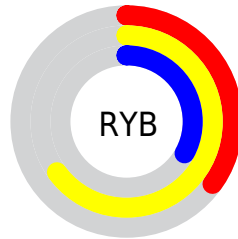
# Distribution



Red (65%)

Green (63%)

Blue (33%)



Red (35%)

Yellow (65%)

Blue (33%)

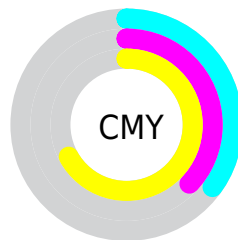


Cyan (0%)

Magenta (4%)

Yellow (50%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A154 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 A7A154 by changing the saturation by 10% instead.





A7A154



A7A154

FFFFFF



8C873B



E0D887



716E23



FDF4A2



575507



FFFFBE



3F3E00



FFFFDA



262900



FFFFF7



071500



000000



A7A154



A7A154



A7A043



A7A265

 A79F33

 A7A375

 A79D22

 A7A586

 A79C11

 A7A697

 A79B01

 A7A7A7

 A79B00

 A7A8B8

 A7A9C9

 A7ABDA

 A7ACEA

# Harmonies

## Analogous

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



C89458



A7A154



7EAB66

# Triad

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



A7A154



00AFCF



D883B6

# Complementary

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



A7A154



545AA7

# 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.



B58FD6



A7A154



2DA8E4

# Square

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



A7A154



00B2AD



7F9DE7



E68191

# Rectangle

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



A7A154



5EAF7A



7F9DE7



CF87C2



# Sweetspot

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



A7A154



D9D6B8



A7545B



6E6C5A



EDEDED



6E6E6E



# Same Dimension

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



A7A154



D9CF57



84A754



54544C



948900



141300



# Inverse Universe

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



545AA7



5760D9



7754A7



4C4C54



000B94



000114



# Previews

## White Background



This preview shows how the Hex color A7A154 looks on a white background.

## Color Contrast Check

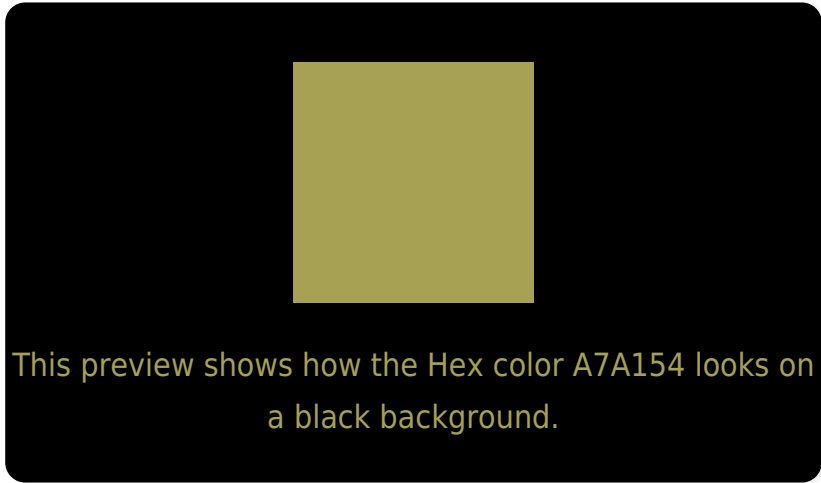
Large Text (above 18pt) WCAG AA × Fail

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

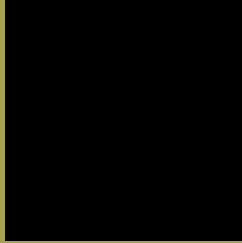
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7A154 Background



This preview shows how black text looks on a background with the Hex color A7A154.



This preview shows how white text looks on a background with the Hex color A7A154.

# 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**  
A7A154

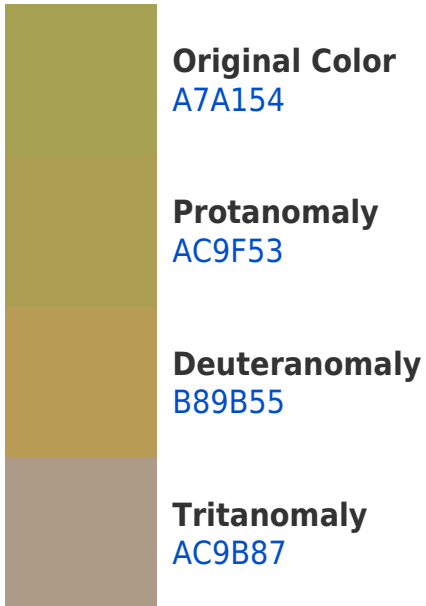
**Protanopia**  
AF9E53

**Deuteranopia**  
C29756



**Tritanopia**  
AF98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A154 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 #A7A154 looks like.

```
.text, #text, p{  
    color:#A7A154  
}
```

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 #A7A154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A154
}
```

## Border

The CSS property to change the border of an element to Hex A7A154 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
#A7A154 }
```

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

```
.border{ border-color:#A7A154 }
```

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

Here you see how a box with a 4 pixel #A7A154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A154; -webkit-box-shadow:4px 4px  
4px 4px #A7A154; box-shadow:4px 4px 4px  
4px #A7A154 }
```

# Background

The CSS property to change the background color of an element to Hex A7A154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A154 }
```

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

```
.background{ background-color:#A7A154 }
```

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