

Converting Colors

Hex(AEA54C)

Have a look what the booklet for
Hex(AEA54C) contains.

Hex(AEA54C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AEA54C)

Conversions

Conversions Part 1

Format	Color
Hex	AEA54C
RGB	174, 165, 76
RGB Percent	68%, 65%, 30%
CMY	0.3176, 0.3529, 0.7020
CMYK	0.00, 0.05, 0.56, 0.32
HSL	54°, 39%, 49%
HSV	54°, 56%, 68%
XYZ	32.2152, 36.4307, 12.1714
YIQ	157.5450, 33.9330, -25.7710

Conversions

Conversions Part 2

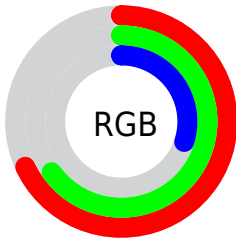
Format	Color
RYB	86, 174, 76
Decimal	11445580
CIELab	66.85, -8.49, 46.50
CIELCh	67, 47.266, 100.346
Yxy	36.4307, 0.3986, 0.4508
Android (android.graphics.Color)	4289635660 (0xFFAEA54C)
YUV	157.5450, -40.2017, 14.4310
Hunter-Lab	60.3579, -10.3543, 30.2945

Details

The Hex color **AEA54C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C55AE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E7DC80**, and **777118** is the 20% darker color. If you saturate the color by 10%, you get **AEA33B**, and if you desaturate by 10%, it is **AEA75D**.

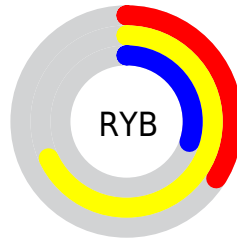
Distribution



Red (68%)

Green (65%)

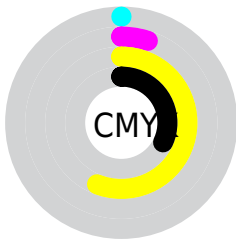
Blue (30%)



Red (34%)

Yellow (68%)

Blue (30%)

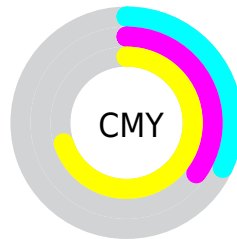


Cyan (0%)

Magenta (5%)

Yellow (56%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEA54C 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 AEA54C by changing the saturation by 10% instead.

 AEA54C

 AEA54C

FFFFFF

 928B33

 E7DC80

 777118

 FFF89A

 5D5900

 FFFFB6

 444200

 FFFFD2

 2A2C00

 FFFFEE

 101800

 000000

 AEA54C

 AEA54C

 AEA33B

 AEA75D

■ AEA229

■ AEA86F

■ AEA018

■ AEAA80

■ AE9F06

■ AEAB92

■ AE9E00

■ AEADA3

■ AEAFB4

■ AEB0C6

■ AEB2D7

■ AEB3E9

Harmonies

Analogous

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



D39652



AEA54C



80B060

Triad

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



AEA54C



00B6D9



E383C0

Complementary

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



AEA54C



4C55AE

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.



B992E4



AEA54C



00AFF2

Square

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



AEA54C



00B8B1



77A2F6



F37F95

Rectangle

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



AEA54C



5AB577



77A2F6



D887CD

Sweetspot

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



AEA54C



E3DFBC



AE4C56



73715C



F2F2F2



737373

Same Dimension

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



AEA54C



E3D549



87AE4C



57564E



968900



171500

Inverse Universe

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



4C55AE



4957E3



734CAE



4E4F57



000E96



000217

Previews

White Background



This preview shows how the Hex color AEA54C looks on a white background.

Color Contrast Check

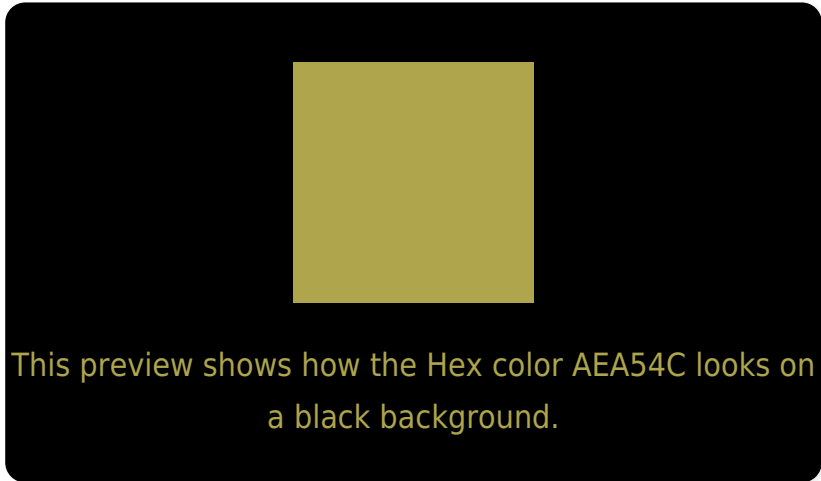
Large Text (above 18pt) WCAG AA × Fail

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

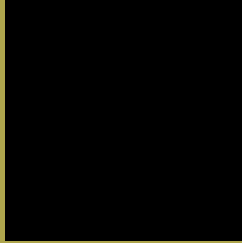
Any Text WCAG AA ✓ Pass

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 AEA54C Background



This preview shows how black text looks on a background with the Hex color AEA54C.



This preview shows how white text looks on a background with the Hex color AEA54C.

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
AEA54C

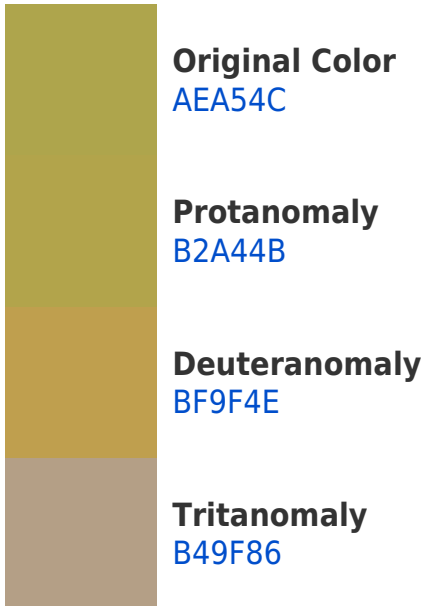
Protanopia
B4A34B

Deuteranopia
C89B4F

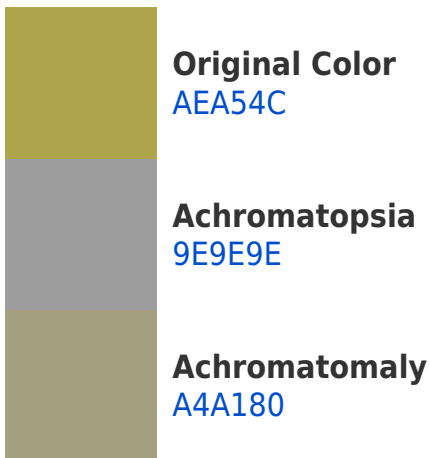


Tritanopia
B79BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEA54C 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 #AEA54C looks like.

```
.text, #text, p{  
    color:#AEA54C  
}
```

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 #AEA54C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA54C  
}
```

Border

The CSS property to change the border of an element to Hex AEA54C 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  
#AEA54C }
```

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

```
.border{ border-color:#AEA54C }
```

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

Here you see how a box with a 4 pixel #AEA54C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA54C; -webkit-box-shadow:4px 4px  
4px 4px #AEA54C; box-shadow:4px 4px 4px  
4px #AEA54C }
```

Background

The CSS property to change the background color of an element to Hex AEA54C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA54C }
```

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

```
.background{ background-color:#AEA54C }
```

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