

Converting Colors

Hex(AAA45E)

Have a look what the booklet for
Hex(AAA45E) contains.

Hex(AAA45E)	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(AAA45E)

Conversions

Conversions Part 1

Format	Color
Hex	AAA45E
RGB	170, 164, 94
RGB Percent	67%, 64%, 37%
CMY	0.3333, 0.3569, 0.6314
CMYK	0.00, 0.04, 0.45, 0.33
HSL	55°, 31%, 52%
HSV	55°, 45%, 67%
XYZ	31.8734, 35.9051, 15.8401
YIQ	157.8140, 26.0460, -20.4980

Conversions

Conversions Part 2

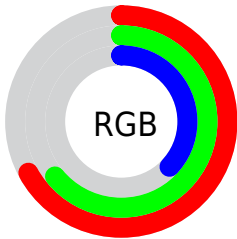
Format	Color
RYB	101, 170, 94
Decimal	11183198
CIELab	66.45, -8.00, 36.96
CIELCh	66, 37.819, 102.213
Yxy	35.9051, 0.3812, 0.4294
Android (android.graphics.Color)	4289373278 (0xFFAAA45E)
YUV	157.8140, -31.4603, 10.6871
Hunter-Lab	59.9209, -9.9130, 26.2712

Details

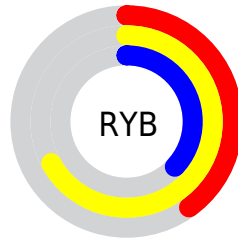
The Hex color **AAA45E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E64AA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E3DB92**, and **74702D** is the 20% darker color. If you saturate the color by 10%, you get **AAA34D**, and if you desaturate by 10%, it is **AAA56F**.

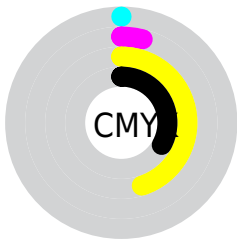
Distribution



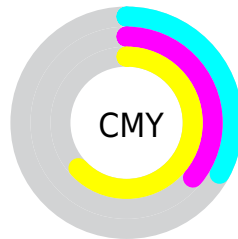
- Red (67%)
- Green (64%)
- Blue (37%)



- Red (40%)
- Yellow (67%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (45%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA45E 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 AAA45E by changing the saturation by 10% instead.

■ AAA45E

■ AAA45E

FFFFFF

■ 8F8A45

■ E3DB92

■ 74702D

■ FFF7AD

■ 5A5815

■ FFFFC8

■ 414100

■ FFFF E5

■ 2A2B00

■ 0F1700

■ 000000

■ AAA45E

■ AAA45E

■ AAA34D

■ AAA56F

■ AAA13C

■ AAA780

■ AAA02B

■ AAA891

■ AA9F1A

■ AAA9A2

■ AA9D09

■ AAABB3

■ AA9D00

■ AAACC4

■ AAADD5

■ AAAFE6

■ AAB0F7

Harmonies

Analogous

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



C99961



AAA45E



84AD6E

Triad

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



AAA45E



00B1CE



D78AB7

Complementary

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



AAA45E



5E64AA

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.



B794D4



AAA45E



49ABE2

Square

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



AAA45E



1FB4AF



87A0E4



E48795

Rectangle

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



AAA45E



68B181



87A0E4



CE8CC2

Sweetspot

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



AAA45E



DEDCC1



AA5E64



706F5E



F0F0F0



707070

Same Dimension

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



AAA45E



DED466



8AAA5E



54534C



948800



141300

Inverse Universe

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



5E64AA



6670DE



7E5EAA



4C4C54



000C94



000214

Previews

White Background



This preview shows how the Hex color AAA45E looks on a white background.

Color Contrast Check

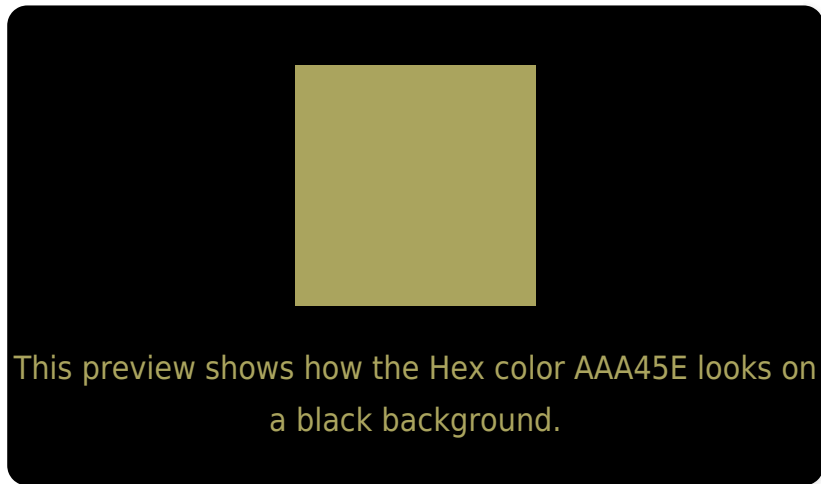
Large Text (above 18pt) WCAG AA × Fail

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 AAA45E Background



This preview shows how black text looks on a background with the Hex color AAA45E.



This preview shows how white text looks on a background with the Hex color AAA45E.

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
AAA45E

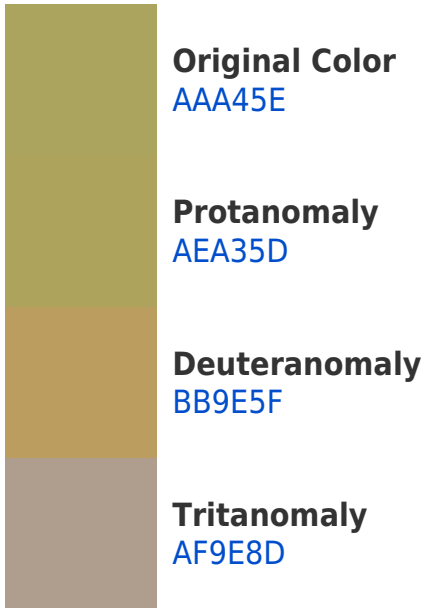
Protanopia
B1A25D

Deuteranopia
C49A60

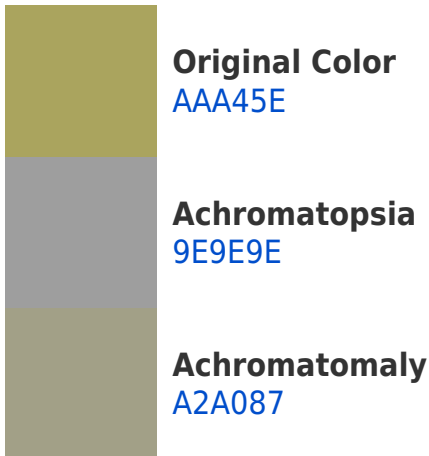


Tritanopia
B29BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA45E 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 #AAA45E looks like.

```
.text, #text, p{  
    color:#AAA45E  
}
```

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 #AAA45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA45E
}
```

Border

The CSS property to change the border of an element to Hex AAA45E 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
#AAA45E }
```

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

```
.border{ border-color:#AAA45E }
```

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

Here you see how a box with a 4 pixel #AAA45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA45E; -webkit-box-shadow:4px 4px  
4px 4px #AAA45E; box-shadow:4px 4px 4px  
4px #AAA45E }
```

Background

The CSS property to change the background color of an element to Hex AAA45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA45E }
```

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

```
.background{ background-color:#AAA45E }
```

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