

Converting Colors

Hex(AA604D)

Have a look what the booklet for
Hex(AA604D) contains.

Hex(AA604D)	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(AA604D)

Conversions

Conversions Part 1

Format	Color
Hex	AA604D
RGB	170, 96, 77
RGB Percent	67%, 38%, 30%
CMY	0.3333, 0.6235, 0.6980
CMYK	0.00, 0.44, 0.55, 0.33
HSL	12°, 38%, 48%
HSV	12°, 55%, 67%
XYZ	22.1000, 17.4476, 9.2241
YIQ	115.9600, 50.2030, 9.7790

Conversions

Conversions Part 2

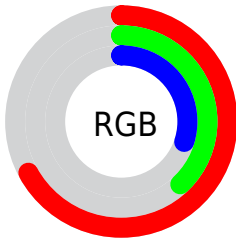
Format	Color
R_{YB}	170, 101, 77
Decimal	11165773
CIE Lab	48.82, 28.07, 23.92
CIE LCh	49, 36.876, 40.438
Yxy	17.4476, 0.4531, 0.3577
Android (android.graphics.Color)	4289355853 (0xFFAA604D)
YUV	115.9600, -19.2073, 47.3931
Hunter-Lab	41.7703, 21.3433, 16.1463

Details

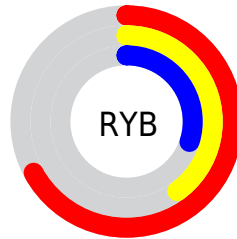
The Hex color **AA604D** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4D97AA**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E4947E**, and **723020** is the 20% darker color. If you saturate the color by 10%, you get **AA523C**, and if you desaturate by 10%, it is **AA6E5E**.

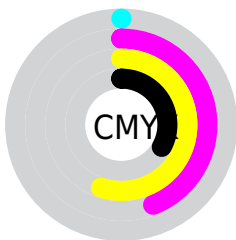
Distribution



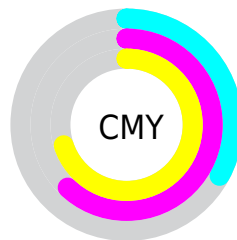
- Red (67%)
- Green (38%)
- Blue (30%)



- Red (67%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA604D 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 AA604D by changing the saturation by 10% instead.

 AA604D

 AA604D

FFFFFF

 8E4736

 E4947E

 723020

 FFAE98

 57180A

 FFCAB3

 3C0100

 FFE6CF

 250001

 FFFFEB

 000000

 AA604D

 AA604D

 AA523C

 AA6E5E

 AA452B

 AA7B6F

■ AA371A

■ AA8980

■ AA2A09

■ AA9691

■ AA2300

■ AAA4A2

■ AAB1B3

■ AABFC4

■ AACCD5

■ AADAE6

Harmonies

Analogous

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



AF5A6A



AA604D



986B39

Triad

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



AA604D



2D825E



5474B1

Complementary

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



AA604D



4D97AA

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.



007DAE



AA604D



00847E

Square

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



AA604D



5A7E43



00829C



8568A4

Rectangle

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



AA604D



867234



00829C



3E77B2

Sweetspot

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



AA604D



DEC2BA



AA4D97



705F5B



F0F0F0



707070

Same Dimension

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



AA604D



DE694B



AA8E4D



544D4C



941E00



140400

Inverse Universe

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



4D97AA



4BC0DE



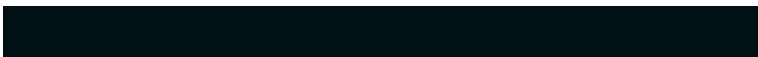
4D69AA



4C5254



007694



001014

Previews

White Background



This preview shows how the Hex color AA604D looks on a white background.

Color Contrast Check

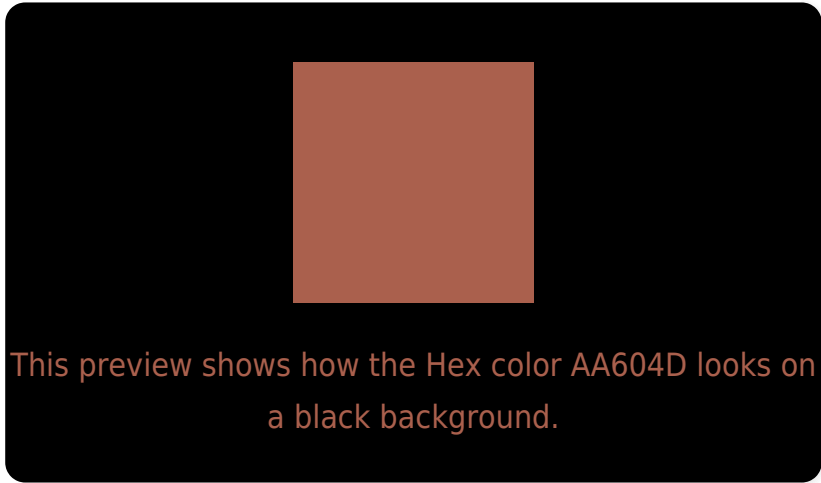
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AA604D Background



This preview shows how black text looks on a background with the Hex color AA604D.



This preview shows how white text looks on a background with the Hex color AA604D.

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

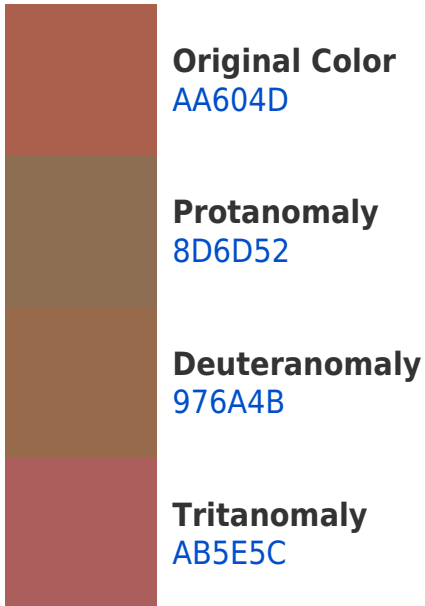


Original Color
AA604D

Protanopia
7D7455

Deuteranopia
8C6F4A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA604D 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 #AA604D looks like.

```
.text, #text, p{  
    color:#AA604D  
}
```

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 #AA604D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA604D
}
```

Border

The CSS property to change the border of an element to Hex AA604D is called "border". The border property can be set on classes, ids or directly on the HTML element.

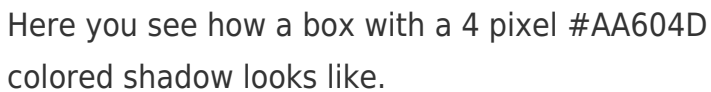
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA604D }
```

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

```
.border{ border-color:#AA604D }
```

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



Here you see how a box with a 4 pixel #AA604D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA604D; -webkit-box-shadow:4px 4px  
4px 4px #AA604D; box-shadow:4px 4px 4px  
4px #AA604D }
```

Background

The CSS property to change the background color of an element to Hex AA604D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA604D }
```

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

```
.background{ background-color:#AA604D }
```

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