

# Converting Colors

Hex(AA5954)

Have a look what the booklet for  
Hex(AA5954) contains.

<b>Hex(AA5954)</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(AA5954)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA5954
RGB	170, 89, 84
RGB Percent	67%, 35%, 33%
CMY	0.3333, 0.6510, 0.6706
CMYK	0.00, 0.48, 0.51, 0.33
HSL	3°, 34%, 50%
HSV	3°, 51%, 67%
XYZ	21.7502, 16.3309, 10.3933
YIQ	112.6490, 49.8810, 15.6170

# Conversions

## Conversions Part 2

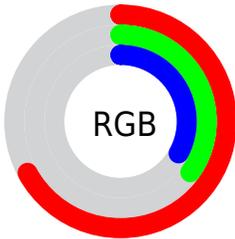
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 89, 84
Decimal	11163988
CIELab	47.41, 32.53, 17.92
CIElCh	47, 37.136, 28.846
Yxy	16.3309, 0.4487, 0.3369
Android (android.graphics.Color)	4289354068 (0xFFAA5954)
YUV	112.6490, -14.1240, 50.2968
Hunter-Lab	40.4115, 25.3517, 13.0394

# Details

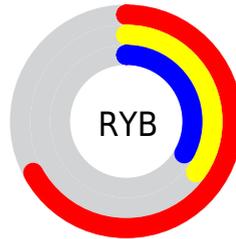
The Hex color **AA5954** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54A5AA**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E48D86**, and **722827** is the 20% darker color. If you saturate the color by 10%, you get **AA4943**, and if you desaturate by 10%, it is **AA6965**.

# Distribution



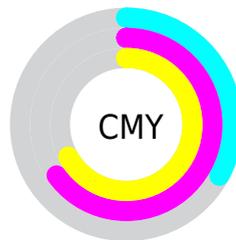
- Red (67%)
- Green (35%)
- Blue (33%)



- Red (67%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (48%)
- Yellow (51%)
- Black (33%)



- Cyan (33%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA5954 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 AA5954 by changing the saturation by 10% instead.



AA5954



AA5954

FFFFFF



8E403D



E48D86



722827



FFA7A0



570F13



FFC3BB



3C0000



FFDFD6



230001



FFFCF3



000000



AA5954



AA5954



AA4943



AA6965



AA3932



AA7976

■ AA2921

■ AA8987

■ AA1910

■ AA9998

■ AA0A00

■ AAA9A9

■ AAB9BA

■ AAC9CB

■ AAD9DC

■ AAE9ED

# Harmonies

## Analogous

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



A95673



AA5954



9C633B

# Triad

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



AA5954



3D7D4F



3474AF

# Complementary

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



AA5954



54A5AA

# 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.



007CA5



AA5954



00806E

# Square

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



AA5954



647838



00808E



7169A7

# Rectangle

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



AA5954



8D6B32



00808E



0B77AD

# Sweetspot

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



AA5954



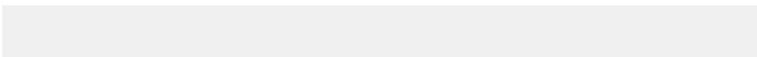
DEBFBD



AA54A6



705D5C



F0F0F0



707070



# Same Dimension

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



AA5954



DE5E57



AA8354



544C4C



940900



140100



# Inverse Universe

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



54A5AA



57D6DE



547BAA



4C5454



008B94

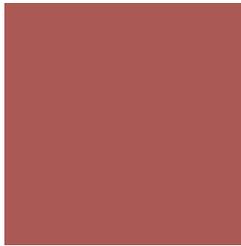


001314



# Previews

## White Background



This preview shows how the Hex color AA5954 looks on a white background.

## Color Contrast Check

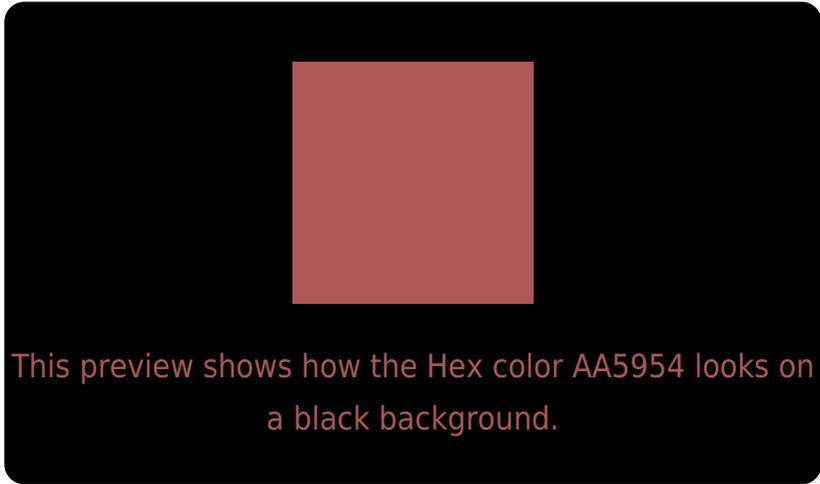
Large Text (above 18pt) WCAG AA ✓ Pass

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

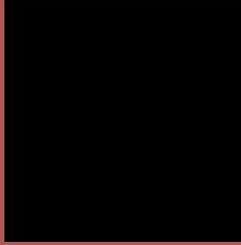
Any Text WCAG AA × Fail

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 AA5954 Background



This preview shows how black text looks on a background with the Hex color AA5954.



This preview shows how white text looks on a background with the Hex color AA5954.

# 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





**Tritanopia**  
AB585E

# Trichromacy



**Original Color**  
AA5954

**Protanomaly**  
8A685B

**Deuteranomaly**  
936552

**Tritanomaly**  
AB585A

# Monochromacy



**Original Color**  
AA5954

**Achromatopsia**  
717171

**Achromatomaly**  
866866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA5954 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 #AA5954 looks like.

```
.text, #text, p{  
    color:#AA5954  
}
```

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 #AA5954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5954
}
```

## Border

The CSS property to change the border of an element to Hex AA5954 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
#AA5954 }
```

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

```
.border{ border-color:#AA5954 }
```

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

Here you see how a box with a 4 pixel #AA5954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5954; -webkit-box-shadow:4px 4px  
4px 4px #AA5954; box-shadow:4px 4px 4px  
4px #AA5954 }
```

# Background

The CSS property to change the background color of an element to Hex AA5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5954 }
```

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

```
.background{ background-color:#AA5954 }
```

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