

Converting Colors

Hex(AA5644)

Have a look what the booklet for
Hex(AA5644) contains.

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Color

Hex(AA5644)

Conversions

Conversions Part 1

Format	Color
Hex	AA5644
RGB	170, 86, 68
RGB Percent	67%, 34%, 27%
CMY	0.3333, 0.6627, 0.7333
CMYK	0.00, 0.49, 0.60, 0.33
HSL	11°, 43%, 47%
HSV	11°, 60%, 67%
XYZ	20.9487, 15.6190, 7.3795
YIQ	109.0640, 55.8420, 12.2100

Conversions

Conversions Part 2

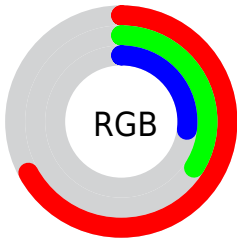
Format	Color
R_{YB}	170, 90, 68
Decimal	11163204
CIE _{Lab}	46.47, 32.76, 26.17
CIE _{LCh}	46, 41.923, 38.618
Yxy	15.6190, 0.4767, 0.3554
Android (android.graphics.Color)	4289353284 (0xFFAA5644)
YUV	109.0640, -20.2446, 53.4409
Hunter-Lab	39.5209, 25.4556, 16.5937

Details

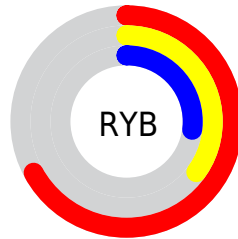
The Hex color **AA5644** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4498AA**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E58974**, and **712518** is the 20% darker color. If you saturate the color by 10%, you get **AA4833**, and if you desaturate by 10%, it is **AA6455**.

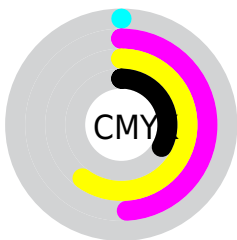
Distribution



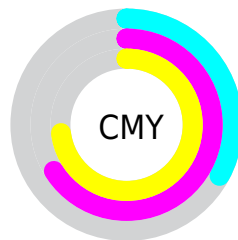
- Red (67%)
- Green (34%)
- Blue (27%)



- Red (67%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5644 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 AA5644 by changing the saturation by 10% instead.

 AA5644

 AA5644

FFFFFF

 8D3D2D

 E58974

 712518

 FFA48E

 560B00

 FFC0A9

 3A0000

 FFDCC4

 1F0001

 FFF9E0

 000000

FFFFFFD

 AA5644

 AA5644

 AA4833

 AA6455

■ AA3A22

■ AA7266

■ AA2C11

■ AA8077

■ AA1E00

■ AA8E88

■ AA9C99

■ AAAAAA

■ AAB8BB

■ AAC6CC

■ AAD4DD

Harmonies

Analogous

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



AF4F65



AA5644



96632B

Triad

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



AA5644



147E53



3F6FB4

Complementary

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



AA5644



4498AA

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.



0079AF



AA5644



008078

Square

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



AA5644



527934



007E99



7E61A5

Rectangle

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



AA5644



836C24



007E99



1772B4

Sweetspot

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



AA5644



DEBDB6



AA4499



705C58



F0F0F0



707070

Same Dimension

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



AA5644



DE5A3E



AA8844



544D4C



941A00



140400

Inverse Universe

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



4498AA



3EC2DE



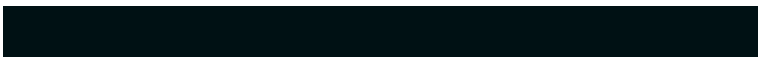
4466AA



4C5354



007A94



001114

Previews

White Background



This preview shows how the Hex color AA5644 looks on a white background.

Color Contrast Check

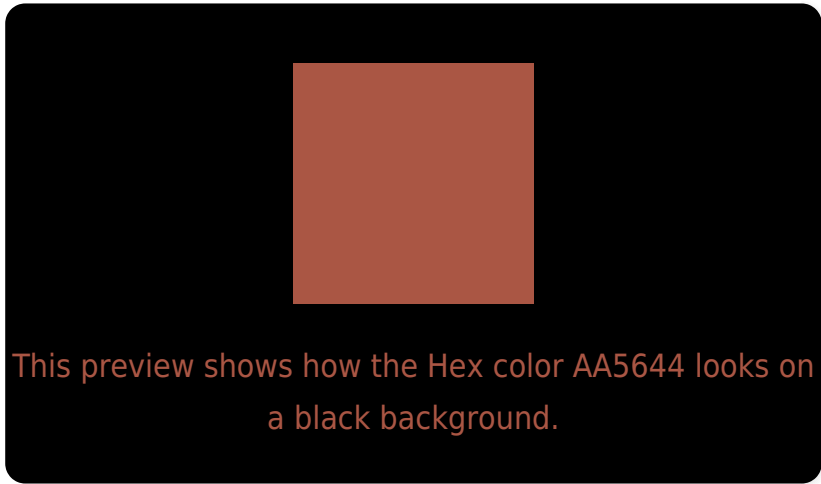
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA5644 Background



This preview shows how black text looks on a background with the Hex color AA5644.

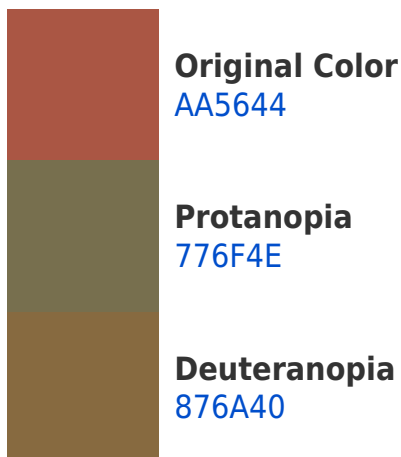



This preview shows how white text looks on a background with the Hex color AA5644.

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](#).

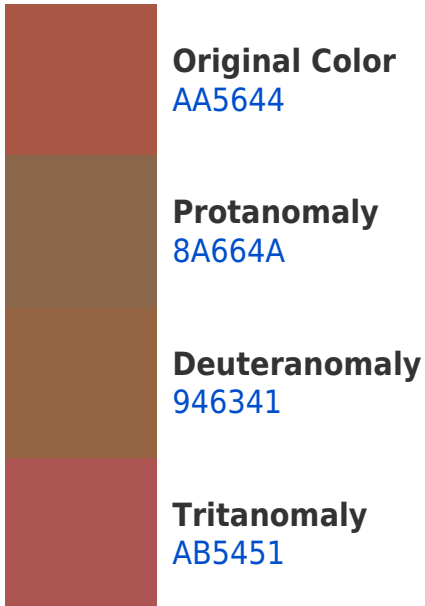
Dichromacy



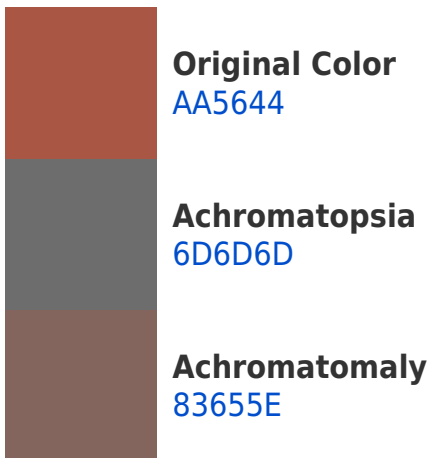


Tritanopia
AB5359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5644 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 #AA5644 looks like.

```
.text, #text, p{  
    color:#AA5644  
}
```

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 #AA5644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5644  
}
```

Border

The CSS property to change the border of an element to Hex AA5644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

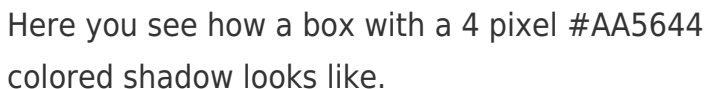
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA5644 }
```

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

```
.border{ border-color:#AA5644 }
```

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



Here you see how a box with a 4 pixel #AA5644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5644; -webkit-box-shadow:4px 4px  
4px 4px #AA5644; box-shadow:4px 4px 4px  
4px #AA5644 }
```

Background

The CSS property to change the background color of an element to Hex AA5644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5644 }
```

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

```
.background{ background-color:#AA5644 }
```

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](#).

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