

# Converting Colors

Hex(AA533B)

Have a look what the booklet for  
Hex(AA533B) contains.

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**Color**

**Hex(AA533B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA533B
RGB	170, 83, 59
RGB Percent	67%, 33%, 23%
CMY	0.3333, 0.6745, 0.7686
CMYK	0.00, 0.51, 0.65, 0.33
HSL	13°, 48%, 45%
HSV	13°, 65%, 67%
XYZ	20.4602, 15.0483, 5.9639
YIQ	106.2770, 59.5560, 10.9800

# Conversions

## Conversions Part 2

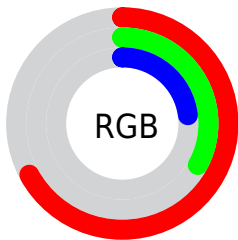
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 90, 59
Decimal	11162427
CIE Lab	45.70, 33.71, 30.43
CIE LCh	46, 45.410, 42.069
Yxy	15.0483, 0.4933, 0.3629
Android (android.graphics.Color)	4289352507 (0xFFAA533B)
YUV	106.2770, -23.3076, 55.8851
Hunter-Lab	38.7922, 26.2603, 18.0393

# Details

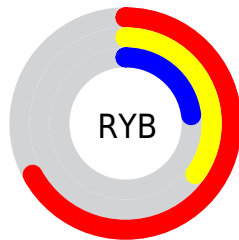
The Hex color **AA533B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B92AA**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E5866B**, and **70220F** is the 20% darker color. If you saturate the color by 10%, you get **AA462A**, and if you desaturate by 10%, it is **AA604C**.

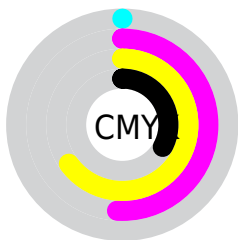
# Distribution



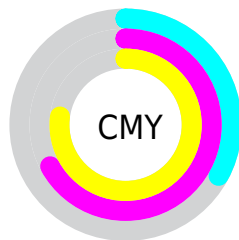
- Red (67%)
- Green (33%)
- Blue (23%)



- Red (67%)
- Yellow (35%)
- Blue (23%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA533B 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 AA533B by changing the saturation by 10% instead.



 AA533B

 AA533B

FFFFFF

 8D3A25

 E5866B

 70220F

 FFA184

 550600

 FFBD9F

 390000

 FFD9BA

 1D0001

 FFF5D5

 000000

 FFFFF2

 AA533B

 AA533B

 AA462A

 AA604C

■ AA3819

■ AA6E5D

■ AA2B08

■ AA7B6E

■ AA2500

■ AA887F

■ AA9690

■ AAA3A1

■ AAB0B2

■ AABEC3

■ AACBD4

# Harmonies

## Analogous

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



B2495E



AA533B



936221

# Triad

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



AA533B



007D53



406BB7

# Complementary

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



AA533B



3B92AA

# 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.



0077B4



AA533B



007F7B

# Square

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



AA533B



487830



007D9E



825CA5

# Rectangle

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



AA533B



7E6B19



007D9E



0C70B8



# Sweetspot

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



AA533B



DEBBB1



AA3B94



705B55



F0F0F0



707070



# Same Dimension

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



AA533B



DE5631



AA893B



544E4C



942000



140400



# Inverse Universe

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



3B92AA



31B8DE



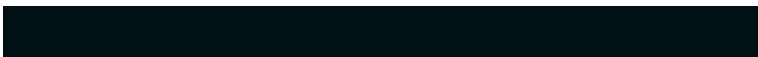
3B5CAA



4C5254



007494



001014



# Previews

## White Background



This preview shows how the Hex color AA533B looks on a white background.

## Color Contrast Check

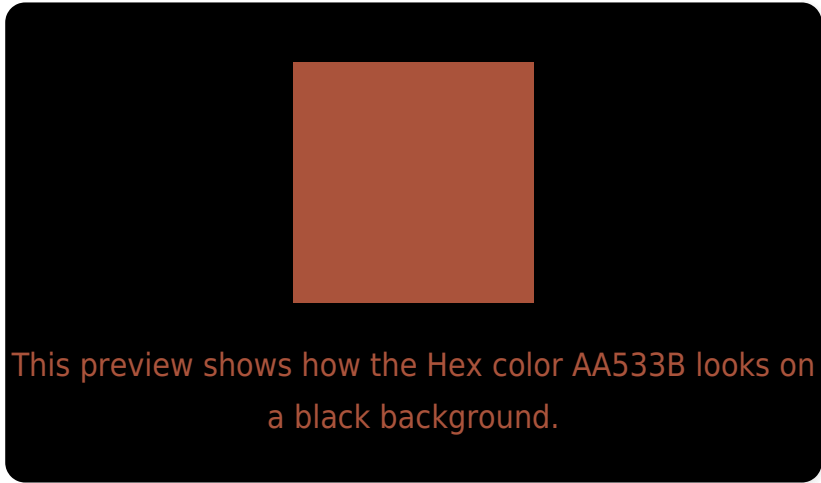
Large Text (above 18pt) WCAG AA ✓ Pass

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

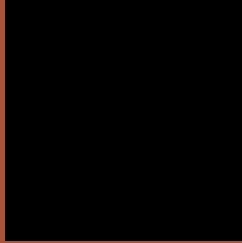
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AA533B Background



This preview shows how black text looks on a background with the Hex color AA533B.



This preview shows how white text looks on a background with the Hex color AA533B.

# 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



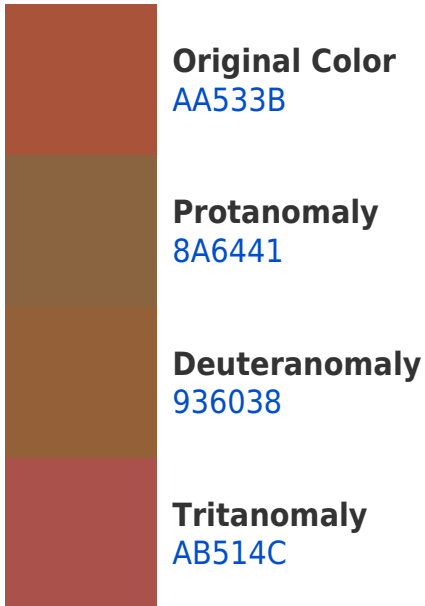
**Original Color**  
AA533B

**Protanopia**  
776D44

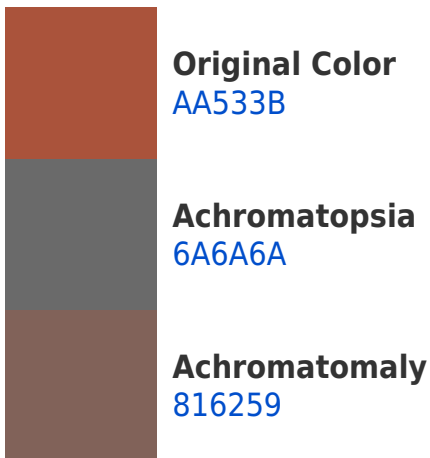
**Deuteranopia**  
866837



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA533B 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 #AA533B looks like.

```
.text, #text, p{  
    color:#AA533B  
}
```

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 #AA533B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA533B
}
```

## Border

The CSS property to change the border of an element to Hex AA533B is called "border". The border property can be set on classes, ids or directly on the HTML element.

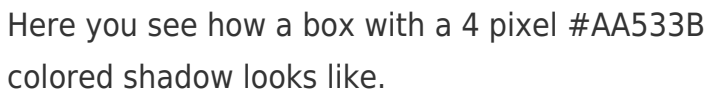
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA533B }
```

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

```
.border{ border-color:#AA533B }
```

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



Here you see how a box with a 4 pixel #AA533B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA533B; -webkit-box-shadow:4px 4px  
4px 4px #AA533B; box-shadow:4px 4px 4px  
4px #AA533B }
```

# Background

The CSS property to change the background color of an element to Hex AA533B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA533B }
```

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

```
.background{ background-color:#AA533B }
```

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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