

Converting Colors

Hex(AA563F)

Have a look what the booklet for
Hex(AA563F) contains.

Hex(AA563F)	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(AA563F)

Conversions

Conversions Part 1

Format	Color
Hex	AA563F
RGB	170, 86, 63
RGB Percent	67%, 34%, 25%
CMY	0.3333, 0.6627, 0.7529
CMYK	0.00, 0.49, 0.63, 0.33
HSL	13°, 46%, 46%
HSV	13°, 63%, 67%
XYZ	20.8026, 15.5605, 6.6097
YIQ	108.4940, 57.4470, 10.6550

Conversions

Conversions Part 2

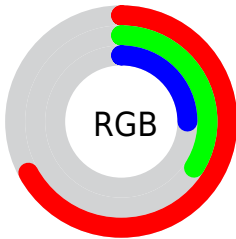
Format	Color
R _Y B	170, 92, 63
Decimal	11163199
CIE Lab	46.39, 32.39, 28.97
CIE LCh	46, 43.454, 41.813
Yxy	15.5605, 0.4841, 0.3621
Android (android.graphics.Color)	4289353279 (0xFFAA563F)
YUV	108.4940, -22.4285, 53.9408
Hunter-Lab	39.4468, 25.1013, 17.6782

Details

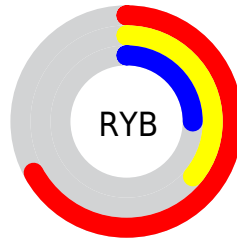
The Hex color **AA563F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3F93AA**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E5896F**, and **712513** is the 20% darker color. If you saturate the color by 10%, you get **AA492E**, and if you desaturate by 10%, it is **AA6350**.

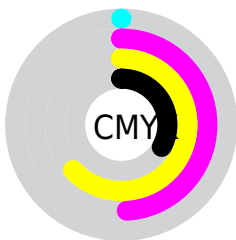
Distribution



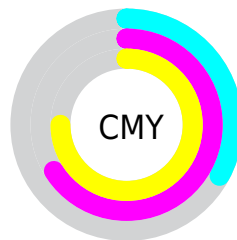
- Red (67%)
- Green (34%)
- Blue (25%)



- Red (67%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (63%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA563F 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 AA563F by changing the saturation by 10% instead.

 AA563F

 AA563F

FFFFFF

 8D3D29

 E5896F

 712513

 FFA489

 550B00

 FFC0A3

 3A0000

 FFDCBE

 1E0001

 FFF9DA

 000000

 FFFFF7

 AA563F

 AA563F

 AA492E

 AA6350

■ AA3B1D

■ AA7161

■ AA2E0C

■ AA7E72

■ AA2500

■ AA8B83

■ AA9994

■ AAA6A5

■ AAB3B6

■ AAC1C7

■ AACED8

Harmonies

Analogous

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



B14D61



AA563F



946426

Triad

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



AA563F



007E56



456DB5

Complementary

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



AA563F



3F93AA

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.



0078B3



AA563F



00807C

Square

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



AA563F



4C7935



007E9E



835EA5

Rectangle

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



AA563F



806D20



007E9E



1F71B7

Sweetspot

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



AA563F



DEBDB4



AA3F95



705C56



F0F0F0



707070

Same Dimension

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



AA563F



DE5935



AA8A3F



544E4C



942000



140400

Inverse Universe

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



3F93AA



35BADE



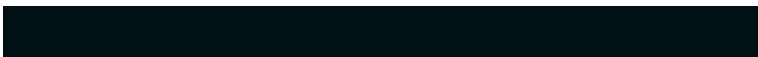
3F5FAA



4C5254



007494



001014

Previews

White Background



This preview shows how the Hex color AA563F looks on a white background.

Color Contrast Check

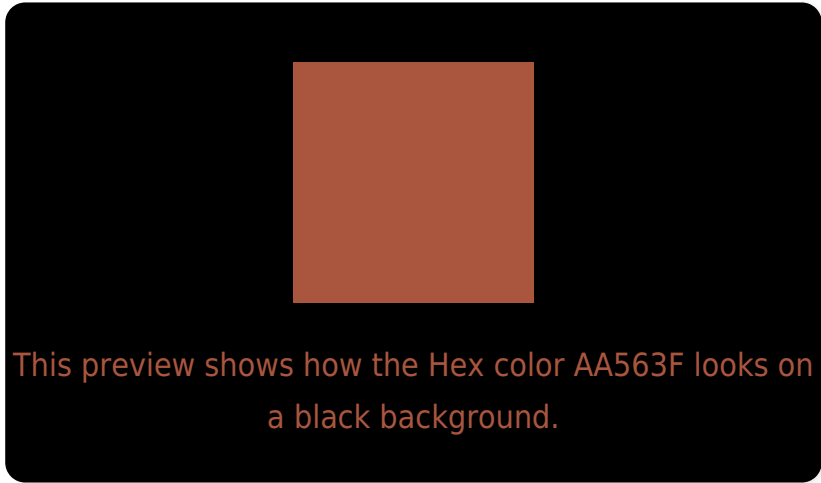
Large Text (above 18pt) WCAG AA ✓ Pass

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

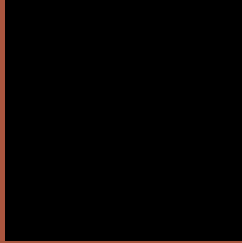
Any Text WCAG AA × Fail

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 AA563F Background



This preview shows how black text looks on a background with the Hex color AA563F.



This preview shows how white text looks on a background with the Hex color AA563F.

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
AA563F

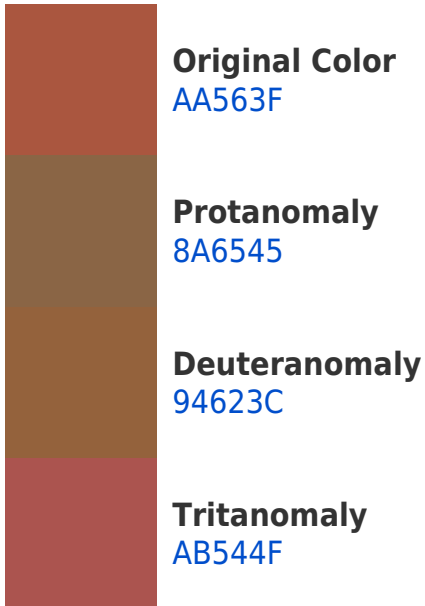
Protanopia
786E48

Deuteranopia
87693B



Tritanopia
AB5358

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA563F 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 #AA563F looks like.

```
.text, #text, p{  
    color:#AA563F  
}
```

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 #AA563F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA563F
}
```

Border

The CSS property to change the border of an element to Hex AA563F 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
#AA563F }
```

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

```
.border{ border-color:#AA563F }
```

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

Here you see how a box with a 4 pixel #AA563F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA563F; -webkit-box-shadow:4px 4px  
4px 4px #AA563F; box-shadow:4px 4px 4px  
4px #AA563F }
```

Background

The CSS property to change the background color of an element to Hex AA563F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA563F }
```

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

```
.background{ background-color:#AA563F }
```

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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