

# Converting Colors

Hex(AA7153)

Have a look what the booklet for  
Hex(AA7153) contains.

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**Color**

**Hex(AA7153)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7153
RGB	170, 113, 83
RGB Percent	67%, 44%, 33%
CMY	0.3333, 0.5569, 0.6745
CMYK	0.00, 0.34, 0.51, 0.33
HSL	21°, 34%, 50%
HSV	21°, 51%, 67%
XYZ	24.0440, 20.9808, 10.9661
YIQ	126.6230, 43.6020, 2.7540

# Conversions

## Conversions Part 2

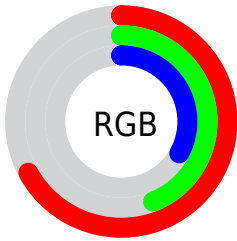
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 129, 83
Decimal	11170131
CIELab	52.93, 19.12, 25.79
CIElCh	53, 32.103, 53.452
Yxy	20.9808, 0.4294, 0.3747
Android (android.graphics.Color)	4289360211 (0xFFAA7153)
YUV	126.6230, -21.5061, 38.0416
Hunter-Lab	45.8048, 13.5403, 17.8689

# Details

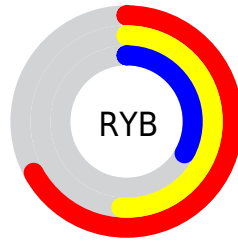
The Hex color **AA7153** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **538CAA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E4A585**, and **734125** is the 20% darker color. If you saturate the color by 10%, you get **AA6642**, and if you desaturate by 10%, it is **AA7C64**.

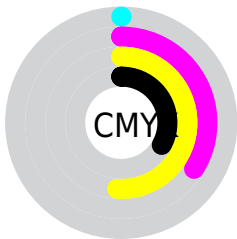
# Distribution



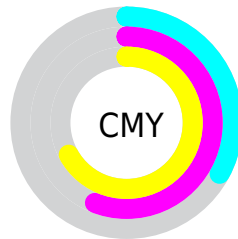
- Red (67%)
- Green (44%)
- Blue (33%)



- Red (67%)
- Yellow (51%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (33%)



- Cyan (33%)
- Magenta (56%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7153 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 AA7153 by changing the saturation by 10% instead.



 AA7153

 AA7153

FFFFFF

 8E583C

 E4A585

 734125

 FFC09F

 582A10

 FFDCBA

 3F1400

 FFF9D6

 270000

 FFFFF2

 000000

 AA7153

 AA7153

 AA6642

 AA7C64

 AA5B31

 AA8775

■ AA5020

■ AA9286

■ AA440F

■ AA9E97

■ AA3B00

■ AAA9A8

■ AAB4B9

■ AABFCA

■ AACADB

■ AAD5EC

# Harmonies

## Analogous

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



B46A6A



AA7153



967B47

# Triad

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



AA7153



338D77



7879B1

# Complementary

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



AA7153



538CAA

# 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.



4A83B5



AA7153



008D93

# Square

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



AA7153



5A895D



058AAA



9B6FA0

# Rectangle

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



AA7153



848148



058AAA



6A7DB4



# Sweetspot

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



AA7153



DEC8BD



AA538D



70635C



F0F0F0



707070



# Same Dimension

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



AA7153



DE8557



AA9B53



544F4C



943300



140700



# Inverse Universe

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



538CAA



57AFDE



5362AA



4C5154



006194



000D14



# Previews

## White Background



This preview shows how the Hex color AA7153 looks on a white background.

## Color Contrast Check

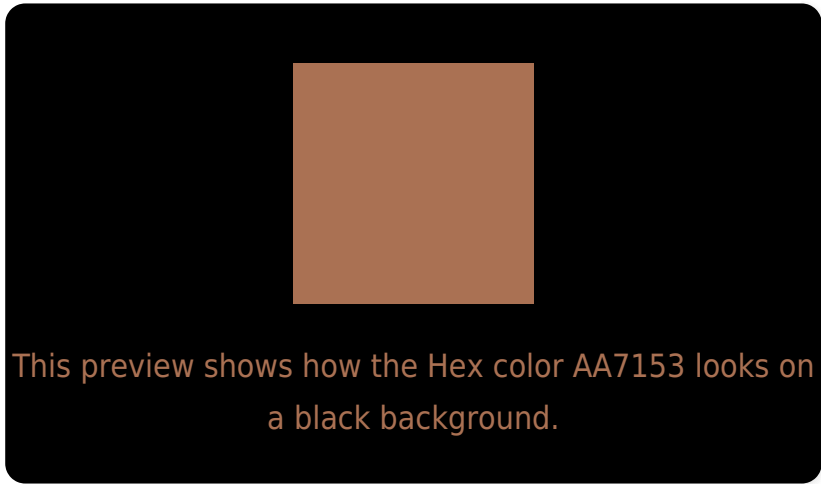
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

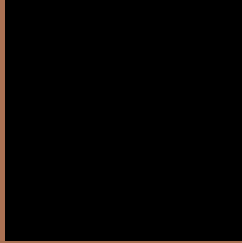
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA7153 Background



This preview shows how black text looks on a background with the Hex color AA7153.



This preview shows how white text looks on a background with the Hex color AA7153.

# 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**  
AA7153

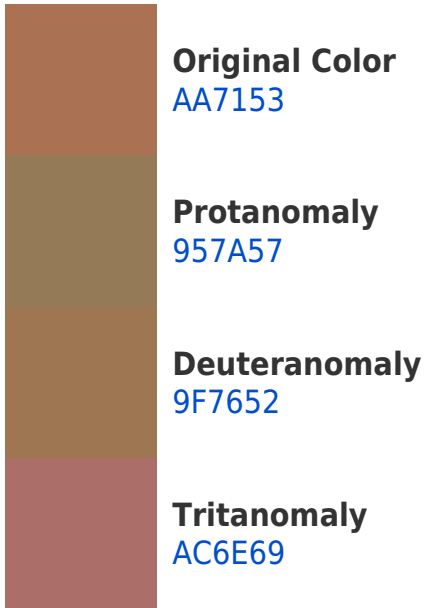
**Protanopia**  
897F59

**Deuteranopia**  
997951



**Tritanopia**  
AD6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7153 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 #AA7153 looks like.

```
.text, #text, p{  
    color:#AA7153  
}
```

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 #AA7153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7153  
}
```

## Border

The CSS property to change the border of an element to Hex AA7153 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  
#AA7153 }
```

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

```
.border{ border-color:#AA7153 }
```

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

Here you see how a box with a 4 pixel #AA7153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7153; -webkit-box-shadow:4px 4px  
4px 4px #AA7153; box-shadow:4px 4px 4px  
4px #AA7153 }
```

# Background

The CSS property to change the background color of an element to Hex AA7153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7153 }
```

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

```
.background{ background-color:#AA7153 }
```

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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