

Converting Colors

Hex(AA7017)

Have a look what the booklet for
Hex(AA7017) contains.

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Color

Hex(AA7017)

Conversions

Conversions Part 1

Format	Color
Hex	AA7017
RGB	170, 112, 23
RGB Percent	67%, 44%, 9%
CMY	0.3333, 0.5608, 0.9098
CMYK	0.00, 0.34, 0.86, 0.33
HSL	36°, 76%, 38%
HSV	36°, 86%, 67%
XYZ	22.5264, 20.1963, 3.5216
YIQ	119.1960, 63.1370, -15.3830

Conversions

Conversions Part 2

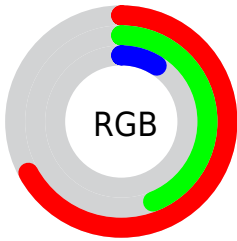
Format	Color
R_{YB}	119, 170, 23
Decimal	11169815
CIE Lab	52.06, 16.07, 53.62
CIE LCh	52, 55.976, 73.317
Yxy	20.1963, 0.4871, 0.4367
Android (android.graphics.Color)	4289359895 (0xFFAA7017)
YUV	119.1960, -47.4246, 44.5551
Hunter-Lab	44.9402, 10.8281, 26.8121

Details

The Hex color **AA7017** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1751AA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E6A44C**, and **714000** is the 20% darker color. If you saturate the color by 10%, you get **AA6906**, and if you desaturate by 10%, it is **AA7728**.

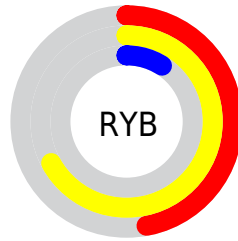
Distribution



Red (67%)

Green (44%)

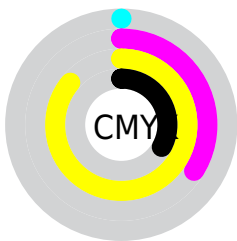
Blue (9%)



Red (47%)

Yellow (67%)

Blue (9%)

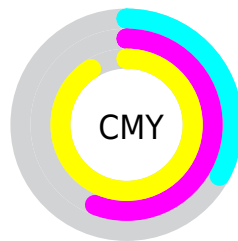


Cyan (0%)

Magenta (34%)

Yellow (86%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7017 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 AA7017 by changing the saturation by 10% instead.

■ AA7017

■ AA7017

FFFFFF

■ 8D5800

■ E6A44C

■ 714000

■ FFBF66

■ 542A00

■ FFDB81

■ 3A1500

■ FFF79C

■ 220000

■ FFFFB7

■ 000000

■ FFFFD4

■ FFFFF0

■ AA7017

■ AA7017

■ AA6906

■ AA7728

■ AA6700

■ AA7D39

■ AA844A

■ AA8B5B

■ AA926C

■ AA987D

■ AA9F8E

■ AAA69F

■ AAACB0

Harmonies

Analogous

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



C85C3C



AA7017



80810D

Triad

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



AA7017



009391



9A66C2

Complementary

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



AA7017



1751AA

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.



417ADA



AA7017



0091BD

Square

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



AA7017



00915F



0089D8



C55299

Rectangle

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



AA7017



5E8823



0089D8



836DCD

Sweetspot

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



AA7017



DEC7A4



AA1752



70624D



F0F0F0



707070

Same Dimension

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



AA7017



DE8600



9BAA17



54514C



945A00



140C00

Inverse Universe

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



1751AA



0058DE



2617AA



4C4F54



003A94



000814

Previews

White Background



This preview shows how the Hex color AA7017 looks on a white background.

Color Contrast Check

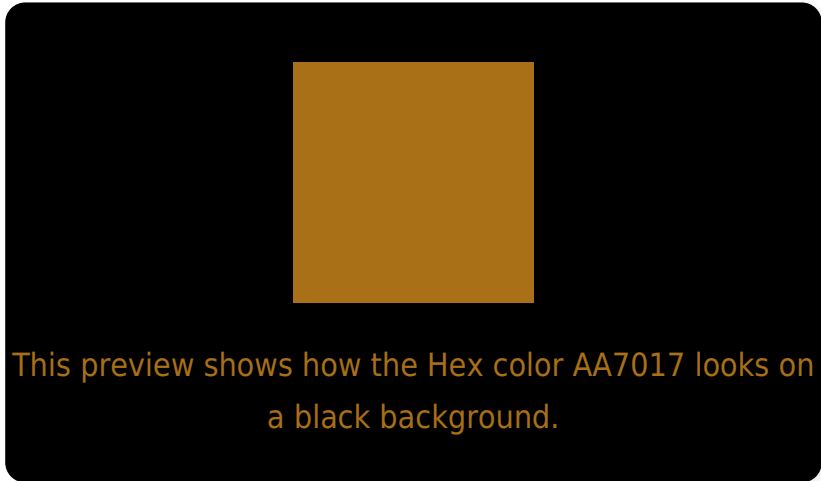
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA7017 Background



This preview shows how black text looks on a background with the Hex color AA7017.



This preview shows how white text looks on a background with the Hex color AA7017.

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
AA7017

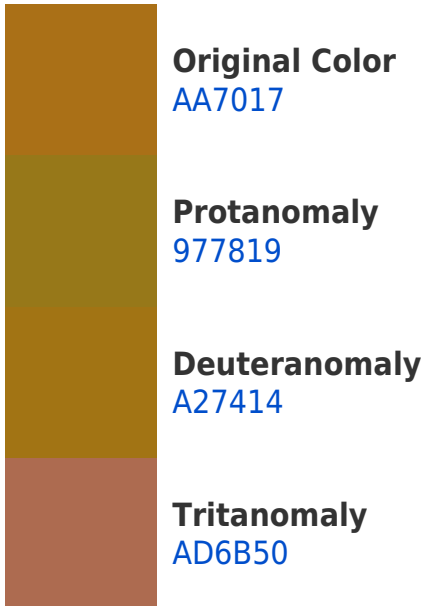
Protanopia
8C7D1A

Deuteranopia
9D7613

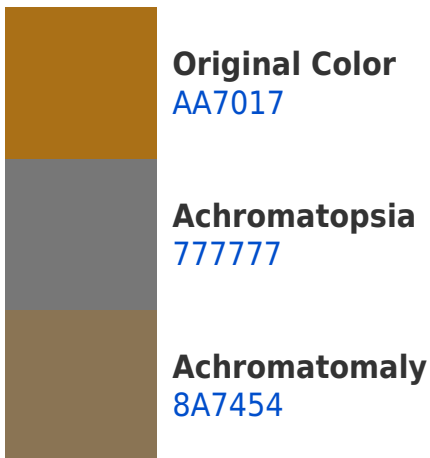


Tritanopia
AF6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7017 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 #AA7017 looks like.

```
.text, #text, p{  
    color:#AA7017  
}
```

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 #AA7017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7017
}
```

Border

The CSS property to change the border of an element to Hex AA7017 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
#AA7017 }
```

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

```
.border{ border-color:#AA7017 }
```

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

Here you see how a box with a 4 pixel #AA7017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7017; -webkit-box-shadow:4px 4px  
4px 4px #AA7017; box-shadow:4px 4px 4px  
4px #AA7017 }
```

Background

The CSS property to change the background color of an element to Hex AA7017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7017 }
```

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

```
.background{ background-color:#AA7017 }
```

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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