

Converting Colors

Hex(AA7D30)

Have a look what the booklet for
Hex(AA7D30) contains.

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Color

Hex(AA7D30)

Conversions

Conversions Part 1

Format	Color
Hex	AA7D30
RGB	170, 125, 48
RGB Percent	67%, 49%, 19%
CMY	0.3333, 0.5098, 0.8118
CMYK	0.00, 0.26, 0.72, 0.33
HSL	38°, 56%, 43%
HSV	38°, 72%, 67%
XYZ	24.4447, 23.4267, 6.0297
YIQ	129.6770, 51.5370, -14.4070

Conversions

Conversions Part 2

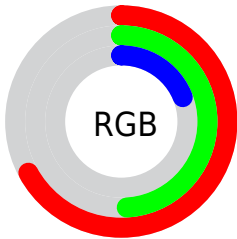
Format	Color
R_{YB}	119, 170, 48
Decimal	11173168
CIE _{Lab}	55.51, 9.74, 47.06
CIE _{LCh}	56, 48.056, 78.306
Yxy	23.4267, 0.4535, 0.4346
Android (android.graphics.Color)	4289363248 (0xFFAA7D30)
YUV	129.6770, -40.2668, 35.3633
Hunter-Lab	48.4011, 5.4484, 26.4945

Details

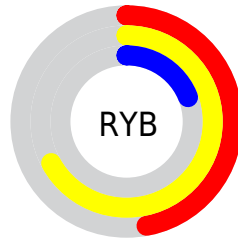
The Hex color **AA7D30** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **305DAA**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E5B162**, and **724C00** is the 20% darker color. If you saturate the color by 10%, you get **AA771F**, and if you desaturate by 10%, it is **AA8341**.

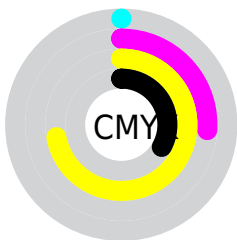
Distribution



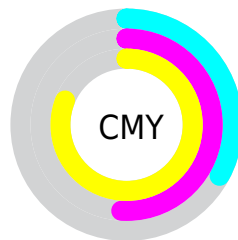
- Red (67%)
- Green (49%)
- Blue (19%)



- Red (47%)
- Yellow (67%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7D30 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 AA7D30 by changing the saturation by 10% instead.

■ AA7D30

■ AA7D30

FFFFFF

■ 8E6416

■ E5B162

■ 724C00

■ FFCD7C

■ 573600

■ FFE997

■ 3C2100

■ FFFFB2

■ 230C00

■ FFFFCE

■ 000000

■ FFFFEB

■ AA7D30

■ AA7D30

■ AA771F

■ AA8341

■ AA700E

■ AA8A52

■ AA6B00

■ AA9063

■ AA9674

■ AA9C85

■ AAA396

■ AAA9A7

■ AAAFB8

■ AAB5C9

Harmonies

Analogous

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



C66D48



AA7D30



838B31

Triad

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



AA7D30



009A9E



A86FBD

Complementary

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



AA7D30



305DAA

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.



6B80D4



AA7D30



0096C2

Square

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



AA7D30



009973



008ED6



C96297

Rectangle

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



AA7D30



659140



008ED6



9775C7

Sweetspot

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



AA7D30



DECCAD



AA305F



706553



F0F0F0



707070

Same Dimension

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



AA7D30



DE971F



9CAA30



54514C



945D00



140D00

Inverse Universe

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



305DAA



1F65DE



3E30AA



4C4F54



003794



000814

Previews

White Background



This preview shows how the Hex color AA7D30 looks on a white background.

Color Contrast Check

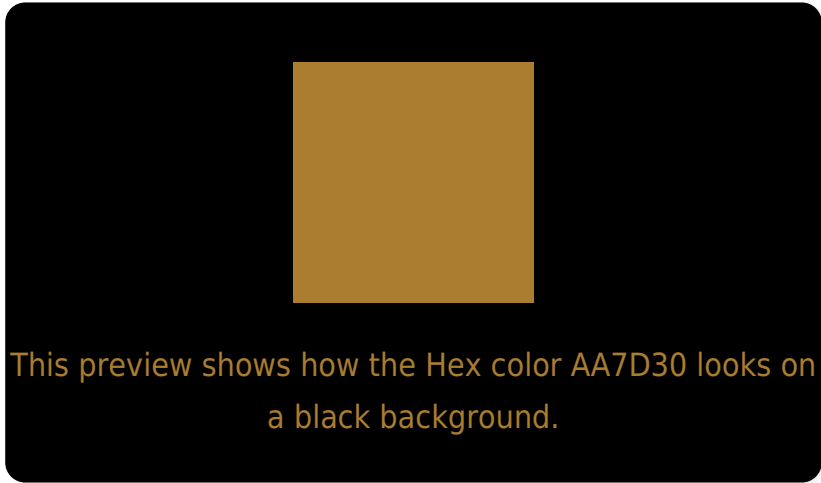
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA7D30 Background



This preview shows how black text looks on a background with the Hex color AA7D30.



This preview shows how white text looks on a background with the Hex color AA7D30.

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
AA7D30

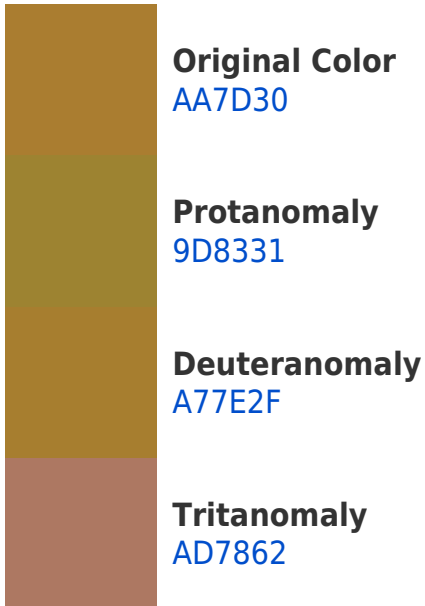
Protanopia
958632

Deuteranopia
A67F2F

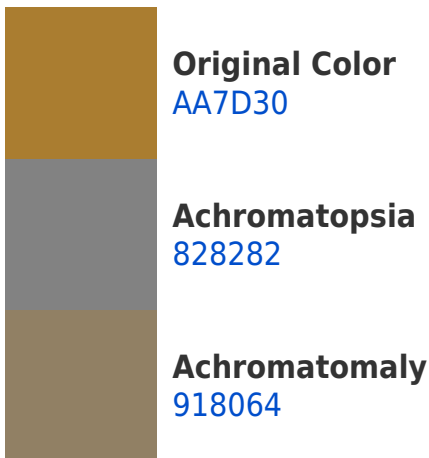


Tritanopia
AF757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7D30 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 #AA7D30 looks like.

```
.text, #text, p{  
    color:#AA7D30  
}
```

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 #AA7D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7D30
}
```

Border

The CSS property to change the border of an element to Hex AA7D30 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
#AA7D30 }
```

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

```
.border{ border-color:#AA7D30 }
```

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

Here you see how a box with a 4 pixel #AA7D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7D30; -webkit-box-shadow:4px 4px  
4px 4px #AA7D30; box-shadow:4px 4px 4px  
4px #AA7D30 }
```

Background

The CSS property to change the background color of an element to Hex AA7D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7D30 }
```

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

```
.background{ background-color:#AA7D30 }
```

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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