

Converting Colors

Hex(AA6A30)

Have a look what the booklet for
Hex(AA6A30) contains.

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Color

Hex(AA6A30)

Conversions

Conversions Part 1

Format	Color
Hex	AA6A30
RGB	170, 106, 48
RGB Percent	67%, 42%, 19%
CMY	0.3333, 0.5843, 0.8118
CMYK	0.00, 0.38, 0.72, 0.33
HSL	29°, 56%, 43%
HSV	29°, 72%, 67%
XYZ	22.2651, 19.0675, 5.3032
YIQ	118.5240, 56.7620, -4.4700

Conversions

Conversions Part 2

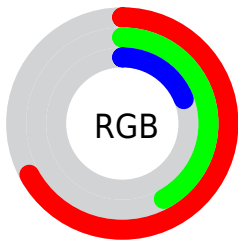
Format	Color
R_{YB}	170, 159, 48
Decimal	11168304
CIE _{Lab}	50.77, 20.44, 42.07
CIE _{LCh}	51, 46.776, 64.091
Yxy	19.0675, 0.4774, 0.4089
Android (android.graphics.Color)	4289358384 (0xFFAA6A30)
YUV	118.5240, -34.7683, 45.1445
Hunter-Lab	43.6664, 14.5994, 23.3658

Details

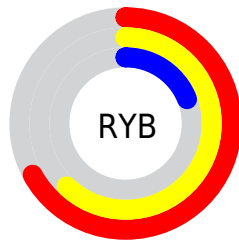
The Hex color **AA6A30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3070AA**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E59E61**, and **713A00** is the 20% darker color. If you saturate the color by 10%, you get **AA611F**, and if you desaturate by 10%, it is **AA7341**.

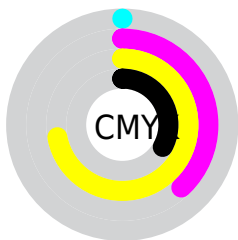
Distribution



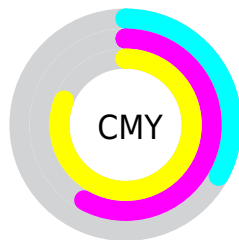
- Red (67%)
- Green (42%)
- Blue (19%)



- Red (67%)
- Yellow (62%)
- Blue (19%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA6A30 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 AA6A30 by changing the saturation by 10% instead.

■ AA6A30

■ AA6A30

FFFFFF

■ 8D5218

■ E59E61

■ 713A00

■ FFB97B

■ 562400

■ FFD495

■ 3A0F00

■ FFF1B0

■ 240000

■ FFFFCC

■ 000000

■ FFFFEE

■ AA6A30

■ AA6A30

■ AA611F

■ AA7341

■ AA580E

■ AA7C52

■ AA5100

■ AA8563

■ AA8E74

■ AA9785

■ AAA096

■ AAA8A7

■ AAB1B8

■ AABAC9

Harmonies

Analogous

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



BE5B4E



AA6A30



8A7923

Triad

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



AA6A30



008C7D



826CBB

Complementary

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



AA6A30



3070AA

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.



2E7BC8



AA6A30



008BA5

Square

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



AA6A30



218A54



0086C0



AE5C9C

Rectangle

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



AA6A30



6F802B



0086C0



6D72C2

Sweetspot

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



AA6A30



DEC4AD



AA3071



706153



F0F0F0



707070

Same Dimension

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



AA6A30



DE7A1F



AAA630



54504C



944600



140A00

Inverse Universe

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



3070AA



1F83DE



3034AA



4C5054



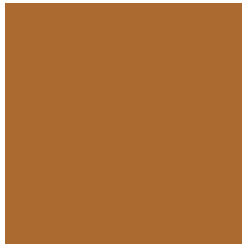
004E94



000B14

Previews

White Background



This preview shows how the Hex color AA6A30 looks on a white background.

Color Contrast Check

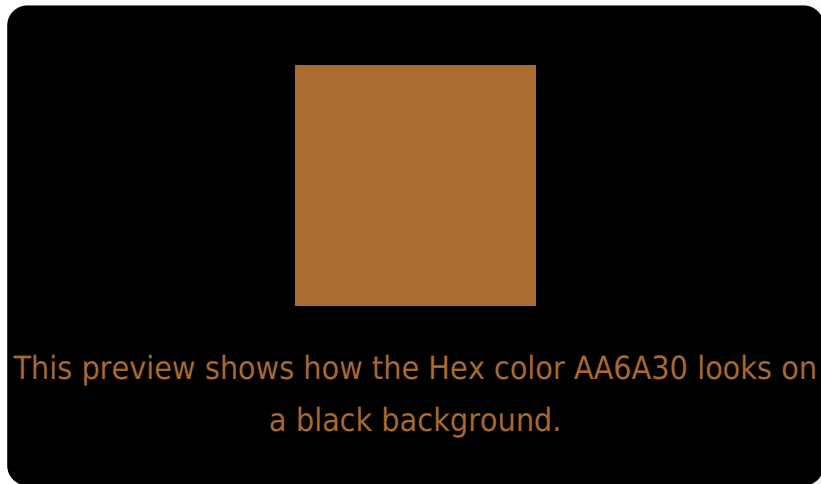
Large Text (above 18pt) WCAG AA ✓ Pass

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

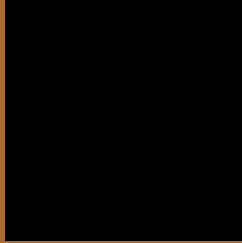
Any Text WCAG AA ✓ Pass

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 AA6A30 Background



This preview shows how black text looks on a background with the Hex color AA6A30.



This preview shows how white text looks on a background with the Hex color AA6A30.

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
AA6A30

Protanopia
877A35

Deuteranopia
97732D



Tritanopia
AE646B

Trichromacy



Original Color
AA6A30

Protanomaly
947433

Deuteranomaly
9E702E

Tritanomaly
AD6656

Monochromacy



Original Color
AA6A30

Achromatopsia
777777

Achromatomaly
8A725D

CSS Examples

Text

The CSS property to change the color of the text to Hex AA6A30 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 #AA6A30 looks like.

```
.text, #text, p{  
    color:#AA6A30  
}
```

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 #AA6A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6A30
}
```

Border

The CSS property to change the border of an element to Hex AA6A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

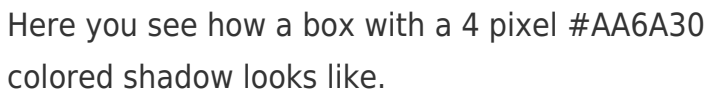
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA6A30 }
```

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

```
.border{ border-color:#AA6A30 }
```

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



Here you see how a box with a 4 pixel #AA6A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6A30; -webkit-box-shadow:4px 4px  
4px 4px #AA6A30; box-shadow:4px 4px 4px  
4px #AA6A30 }
```

Background

The CSS property to change the background color of an element to Hex AA6A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6A30 }
```

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

```
.background{ background-color:#AA6A30 }
```

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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