

Converting Colors

Hex(AA6B2A)

Have a look what the booklet for
Hex(AA6B2A) contains.

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Color

Hex(AA6B2A)

Conversions

Conversions Part 1

Format	Color
Hex	AA6B2A
RGB	170, 107, 42
RGB Percent	67%, 42%, 16%
CMY	0.3333, 0.5804, 0.8353
CMYK	0.00, 0.37, 0.75, 0.33
HSL	30°, 60%, 42%
HSV	30°, 75%, 67%
XYZ	22.2532, 19.2286, 4.7291
YIQ	118.4270, 58.4130, -6.8590

Conversions

Conversions Part 2

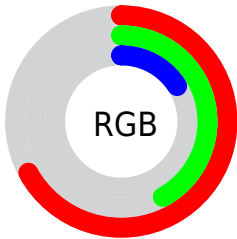
Format	Color
R_{YB}	166, 170, 42
Decimal	11168554
CIE _{Lab}	50.95, 19.58, 45.13
CIE _{LCh}	51, 49.197, 66.553
Yxy	19.2286, 0.4816, 0.4161
Android (android.graphics.Color)	4289358634 (0xFFAA6B2A)
YUV	118.4270, -37.6785, 45.2295
Hunter-Lab	43.8504, 13.8468, 24.3011

Details

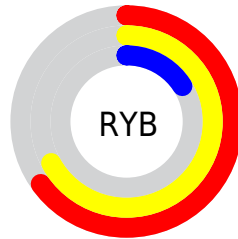
The Hex color **AA6B2A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A69AA**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E59F5B**, and **713B00** is the 20% darker color. If you saturate the color by 10%, you get **AA6319**, and if you desaturate by 10%, it is **AA733B**.

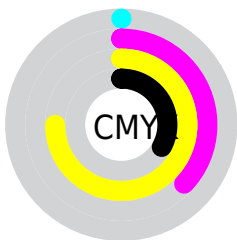
Distribution



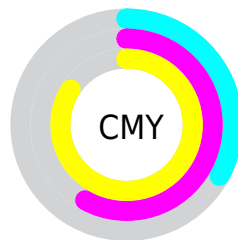
- Red (67%)
- Green (42%)
- Blue (16%)



- Red (65%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (37%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA6B2A 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 AA6B2A by changing the saturation by 10% instead.

 AA6B2A

 AA6B2A

FFFFFF

 8D5310

 E59F5B

 713B00

 FFBA75

 552500

 FFD58F

 3A1000

 FFF2AA

 230000

 FFFFC6

 000000

 FFFFE2

 AA6B2A

 AA6B2A

 AA6319

 AA733B

■ AA5A08

■ AA7C4C

■ AA5600

■ AA845D

■ AA8C6E

■ AA957F

■ AA9D90

■ AAA6A1

■ AAAEB2

■ AAB6C3

Harmonies

Analogous

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



C15B4A



AA6B2A



877A1E

Triad

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



AA6B2A



008E82



876ABD

Complementary

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



AA6B2A



2A69AA

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.



317BCD



AA6B2A



008CAA

Square

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



AA6B2A



018B56



0087C6



B3599C

Rectangle

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



AA6B2A



6B8228



0087C6



7270C5

Sweetspot

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



AA6B2A



DEC5AB



AA2A6A



706151



F0F0F0



707070

Same Dimension

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



AA6B2A



DE7C16



AAAA2A



54504C



944B00



140A00

Inverse Universe

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



2A69AA



1678DE



2A2AAA



4C5054



004994



000A14

Previews

White Background



This preview shows how the Hex color AA6B2A looks on a white background.

Color Contrast Check

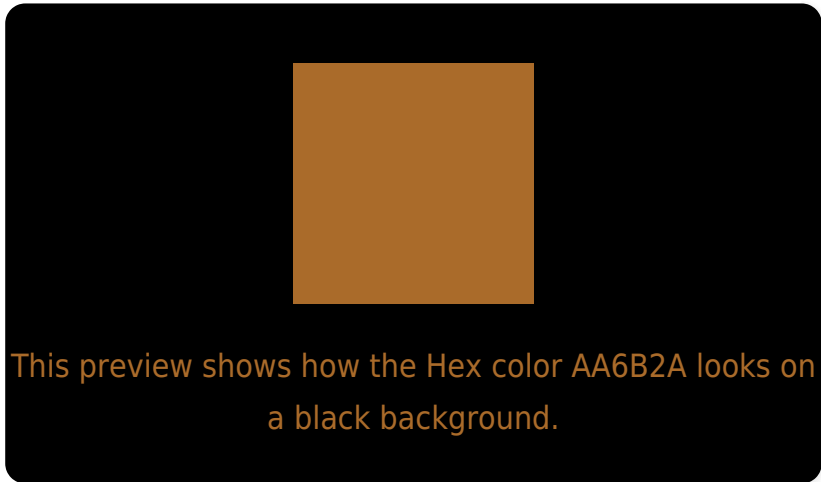
Large Text (above 18pt) WCAG AA ✓ Pass

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

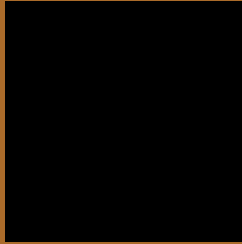
Any Text WCAG AA ✓ Pass

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 AA6B2A Background



This preview shows how black text looks on a background with the Hex color AA6B2A.



This preview shows how white text looks on a background with the Hex color AA6B2A.

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
AA6B2A

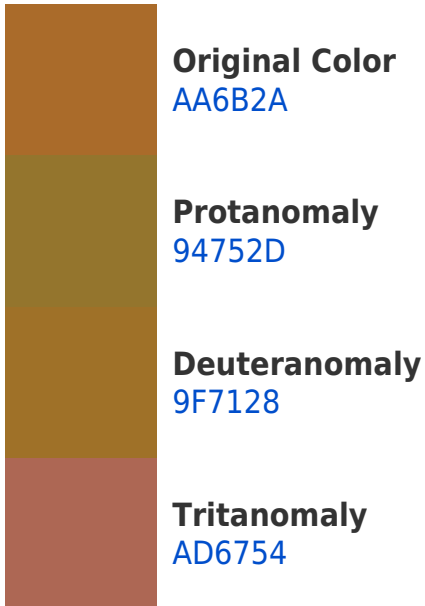
Protanopia
887A2E

Deuteranopia
987427

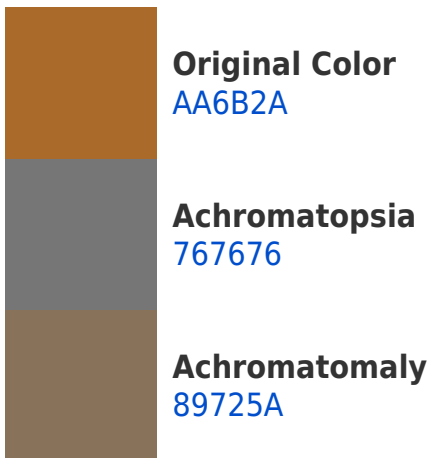


Tritanopia
AE646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA6B2A 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 #AA6B2A looks like.

```
.text, #text, p{  
    color:#AA6B2A  
}
```

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 #AA6B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6B2A
}
```

Border

The CSS property to change the border of an element to Hex AA6B2A 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
#AA6B2A }
```

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

```
.border{ border-color:#AA6B2A }
```

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

Here you see how a box with a 4 pixel #AA6B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6B2A; -webkit-box-shadow:4px 4px  
4px 4px #AA6B2A; box-shadow:4px 4px 4px  
4px #AA6B2A }
```

Background

The CSS property to change the background color of an element to Hex AA6B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6B2A }
```

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

```
.background{ background-color:#AA6B2A }
```

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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