

Converting Colors

Hex(AE6022)

Have a look what the booklet for
Hex(AE6022) contains.

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Color

Hex(AE6022)

Conversions

Conversions Part 1

Format	Color
Hex	AE6022
RGB	174, 96, 34
RGB Percent	68%, 38%, 13%
CMY	0.3176, 0.6235, 0.8667
CMYK	0.00, 0.45, 0.80, 0.32
HSL	27°, 67%, 41%
HSV	27°, 80%, 68%
XYZ	21.9272, 17.4799, 3.7316
YIQ	112.2540, 66.3900, -2.7460

Conversions

Conversions Part 2

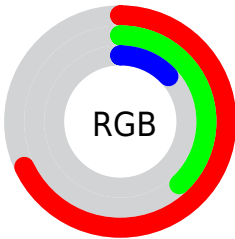
Format	Color
RYB	174, 145, 34
Decimal	11427874
CIELab	48.86, 27.09, 46.86
CIELCh	49, 54.129, 59.968
Yxy	17.4799, 0.5083, 0.4052
Android (android.graphics.Color)	4289617954 (0xFFAE6022)
YUV	112.2540, -38.5792, 54.1512
Hunter-Lab	41.8090, 20.4505, 23.9744

Details

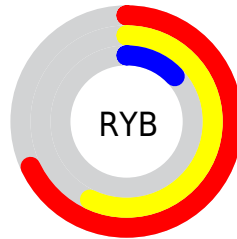
The Hex color **AE6022** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2270AE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **EA9353**, and **743000** is the 20% darker color. If you saturate the color by 10%, you get **AE5611**, and if you desaturate by 10%, it is **AE6A33**.

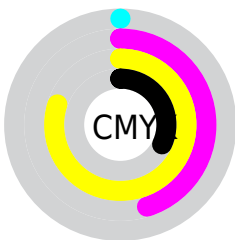
Distribution



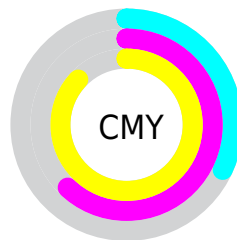
- Red (68%)
- Green (38%)
- Blue (13%)



- Red (68%)
- Yellow (57%)
- Blue (13%)



- Cyan (0%)
- Magenta (45%)
- Yellow (80%)
- Black (32%)



- Cyan (32%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE6022 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 AE6022 by changing the saturation by 10% instead.

 AE6022

 AE6022

FFFFFF

 914806

 EA9353

 743000

 FFAE6D

 571900

 FFCA87

 3C0200

 FFE6A2

 240001

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 AE6022

 AE6022

■ AE5611

■ AE6A33

■ AE4D00

■ AE7345

■ AE7D56

■ AE8768

■ AE9079

■ AE9A8A

■ AEA49C

■ AEAEAD

■ AEB7BF

Harmonies

Analogous

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



C34D49



AE6022



8B7204

Triad

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



AE6022



008973



7368C4

Complementary

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



AE6022



2270AE

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.



0079D0



AE6022



0089A1

Square

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



AE6022



028644



0084C3



AB53A3

Rectangle

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



AE6022



6E7B0E



0084C3



556ECB

Sweetspot

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



AE6022



E3C5AC



AE2271



736051



F2F2F2



737373

Same Dimension

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



AE6022



E36807



AEA522



57524E



964300



170A00

Inverse Universe

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



2270AE



0781E3



222BAE



4E5357



005496



000D17

Previews

White Background



This preview shows how the Hex color AE6022 looks on a white background.

Color Contrast Check

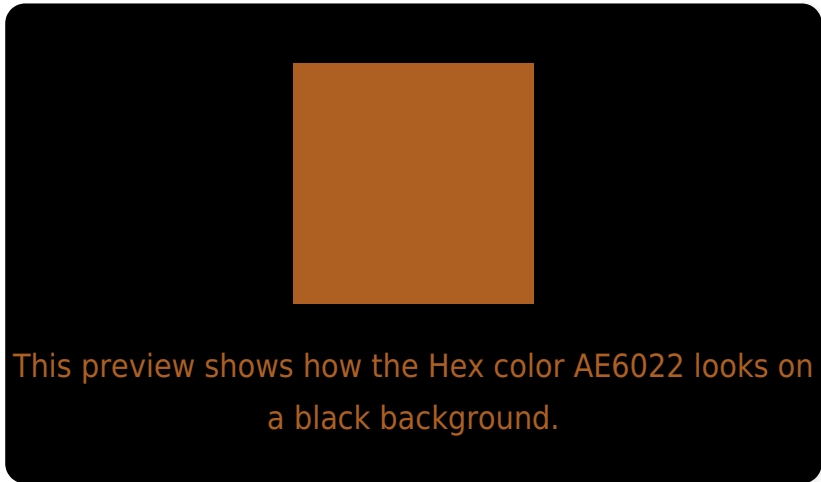
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 AE6022 Background



This preview shows how black text looks on a background with the Hex color AE6022.



This preview shows how white text looks on a background with the Hex color AE6022.

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
AE6022

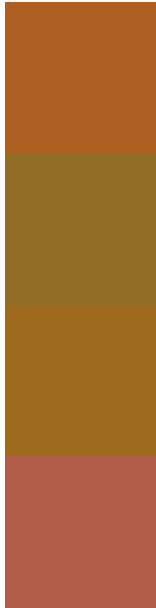
Protanopia
827527

Deuteranopia
936F1C



Tritanopia
B15A60

Trichromacy



Original Color
AE6022

Protanomaly
926D25

Deuteranomaly
9D6A1E

Tritanomaly
B05C49

Monochromacy



Original Color
AE6022

Achromatopsia
707070

Achromatomaly
876A54

CSS Examples

Text

The CSS property to change the color of the text to Hex AE6022 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 #AE6022 looks like.

```
.text, #text, p{  
    color:#AE6022  
}
```

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 #AE6022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6022
}
```

Border

The CSS property to change the border of an element to Hex AE6022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

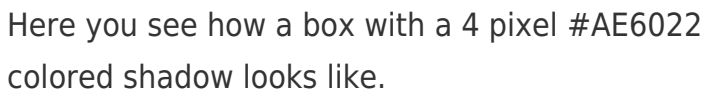
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE6022 }
```

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

```
.border{ border-color:#AE6022 }
```

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



Here you see how a box with a 4 pixel `#AE6022` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6022; -webkit-box-shadow:4px 4px  
4px 4px #AE6022; box-shadow:4px 4px 4px  
4px #AE6022 }
```

Background

The CSS property to change the background color of an element to Hex AE6022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6022 }
```

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

```
.background{ background-color:#AE6022 }
```

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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