

Converting Colors

Hex(AE6728)

Have a look what the booklet for
Hex(AE6728) contains.

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Color

Hex(AE6728)

Conversions

Conversions Part 1

Format	Color
Hex	AE6728
RGB	174, 103, 40
RGB Percent	68%, 40%, 16%
CMY	0.3176, 0.5961, 0.8431
CMYK	0.00, 0.41, 0.77, 0.32
HSL	28°, 63%, 42%
HSV	28°, 77%, 68%
XYZ	22.6888, 18.8524, 4.4505
YIQ	117.0470, 62.5390, -4.5410

Conversions

Conversions Part 2

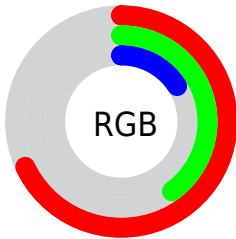
Format	Color
RYB	174, 159, 40
Decimal	11429672
CIELab	50.51, 23.47, 45.79
CIElCh	51, 51.450, 62.862
Yxy	18.8524, 0.4933, 0.4099
Android (android.graphics.Color)	4289619752 (0xFFAE6728)
YUV	117.0470, -37.9842, 49.9478
Hunter-Lab	43.4193, 17.2916, 24.3162

Details

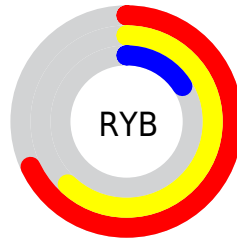
The Hex color **AE6728** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **286FAE**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EA9B59**, and **743700** is the 20% darker color. If you saturate the color by 10%, you get **AE5E17**, and if you desaturate by 10%, it is **AE7039**.

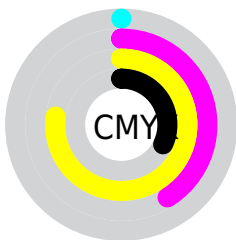
Distribution



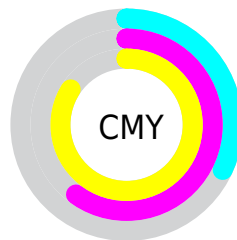
- Red (68%)
- Green (40%)
- Blue (16%)



- Red (68%)
- Yellow (62%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (77%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE6728 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 AE6728 by changing the saturation by 10% instead.

 AE6728

 AE6728

FFFFFF

 914F0E

 EA9B59

 743700

 FFB673

 582100

 FFD18D

 3D0A00

 FFEEA8

 260001

 FFFFC4

 000000

 FFFFEO

 FFFFFD

 AE6728

 AE6728

■ AE5E17

■ AE7039

■ AE5505

■ AE794B

■ AE5200

■ AE835C

■ AE8C6E

■ AE957F

■ AE9E90

■ AEA8A2

■ AEB1B3

■ AEBAC5

Harmonies

Analogous

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



C4564B



AE6728



8B7715

Triad

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



AE6728



008D7B



7E6BC2

Complementary

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



AE6728



286FAE

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.



007CD0



AE6728



008CA7

Square

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



AE6728



0B8A4E



0087C6



B158A1

Rectangle

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



AE6728



6E801F



0087C6



6671C9

Sweetspot

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



AE6728



E3C7AF



AE286F



736253



F2F2F2



737373

Same Dimension

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



AE6728



E37412



AEEA28



57524E



964700



170B00

Inverse Universe

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



286FAE



1281E3



282CAE



4E5357



005096



000C17

Previews

White Background



This preview shows how the Hex color AE6728 looks on a white background.

Color Contrast Check

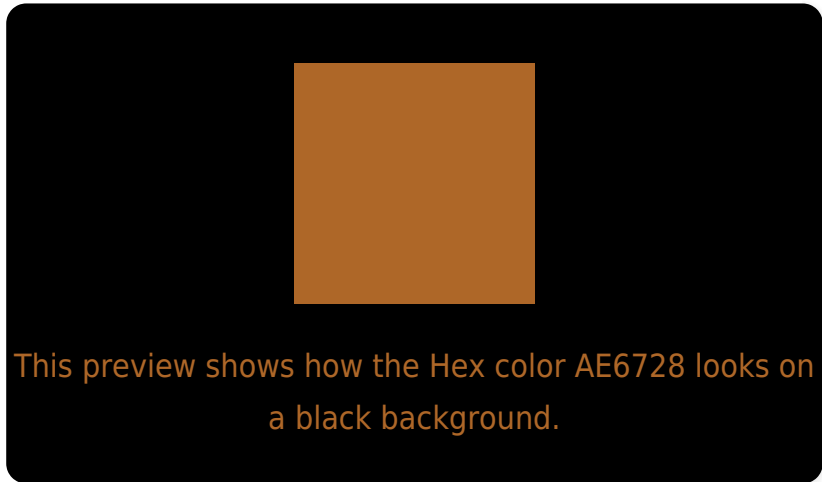
Large Text (above 18pt) WCAG AA ✓ Pass

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

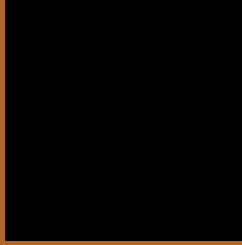
Any Text WCAG AA ✓ Pass

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 AE6728 Background



This preview shows how black text looks on a background with the Hex color AE6728.



This preview shows how white text looks on a background with the Hex color AE6728.

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
AE6728

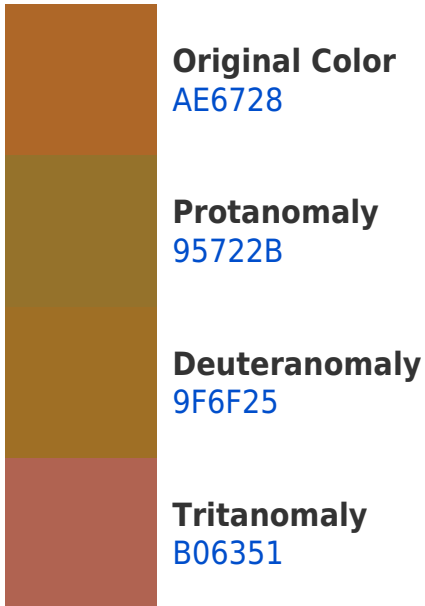
Protanopia
87792D

Deuteranopia
977324

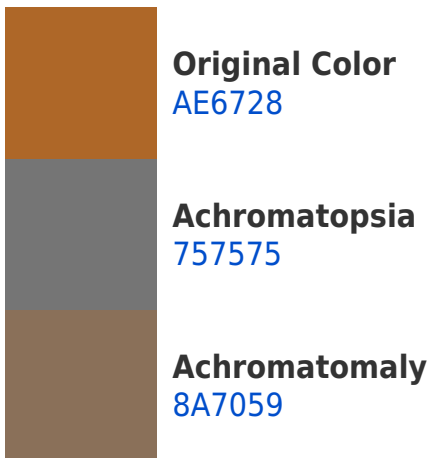


Tritanopia
B16168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE6728 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 #AE6728 looks like.

```
.text, #text, p{  
    color:#AE6728  
}
```

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 #AE6728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6728
}
```

Border

The CSS property to change the border of an element to Hex AE6728 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
#AE6728 }
```

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

```
.border{ border-color:#AE6728 }
```

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

Here you see how a box with a 4 pixel #AE6728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6728; -webkit-box-shadow:4px 4px  
4px 4px #AE6728; box-shadow:4px 4px 4px  
4px #AE6728 }
```

Background

The CSS property to change the background color of an element to Hex AE6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6728 }
```

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

```
.background{ background-color:#AE6728 }
```

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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