

# Converting Colors

Hex(AE532C)

Have a look what the booklet for  
Hex(AE532C) contains.

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# Color

Hex(AE532C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AE532C                    |
| RGB           | 174, 83, 44               |
| RGB Percent   | 68%, 33%, 17%             |
| CMY           | 0.3176, 0.6745, 0.8275    |
| CMYK          | 0.00, 0.52, 0.75, 0.32    |
| HSL           | 18°, 60%, 43%             |
| HSV           | 18°, 75%, 68%             |
| XYZ           | 21.0034, 15.3670, 4.2420  |
| YIQ           | 105.7630, 66.7550, 7.1630 |

# Conversions

## Conversions Part 2

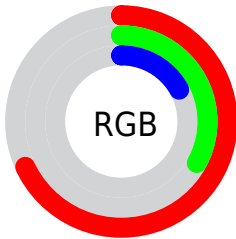
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">174, 100, 44</a>                |
| Decimal                             | <a href="#">11424556</a>                    |
| CIELab                              | <a href="#">46.13, 34.47, 39.33</a>         |
| CIElCh                              | <a href="#">46, 52.296, 48.761</a>          |
| Yxy                                 | <a href="#">15.3670, 0.5172, 0.3784</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4289614636</a><br>(0xFFAE532C)  |
| YUV                                 | <a href="#">105.7630, -30.4492, 59.8438</a> |
| Hunter-Lab                          | <a href="#">39.2008, 27.0373, 21.0247</a>   |

# Details

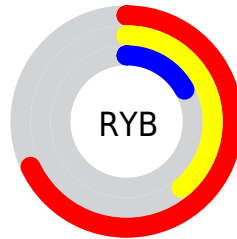
The Hex color **AE532C** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2C87AE**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EA865C**, and **732200** is the 20% darker color. If you saturate the color by 10%, you get **AE471B**, and if you desaturate by 10%, it is **AE5F3D**.

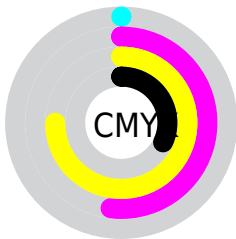
# Distribution



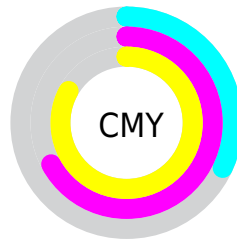
- Red (68%)
- Green (33%)
- Blue (17%)



- Red (68%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (52%)
- Yellow (75%)
- Black (32%)



- Cyan (32%)
- Magenta (67%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE532C 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 AE532C by changing the saturation by 10% instead.



 AE532C

 AE532C

FFFFFF

 903A15

 EA865C

 732200

 FFA175

 570600

 FFBD8F

 3B0000

 FFD9AA

 200001

 FFF6C5

 000000

 FFFFE1

FFFFFFE

 AE532C

 AE532C

 AE471B

 AE5F3D

 AE3B09

 AE6B4F

 AE3400

 AE7860

 AE8472

 AE9083

 AE9C94

 AEA8A6

 AEB4B7

 AEC1C9

# Harmonies

## Analogous

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



BC4454



AE532C



916509

# Triad

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



AE532C



00815B



4B69C1

# Complementary

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



AE532C



2C87AE

# 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.



0077C3



AE532C



008288

# Square

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



AE532C



327C2F



007FAE



9155A8

# Rectangle

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



AE532C



776F02



007FAE



176EC4



# Sweetspot

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



AE532C



E3C0B1



AE2C87



735E55



F2F2F2



737373



# Same Dimension

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



AE532C



E35417



AE942C



57514E



962D00



170700



# Inverse Universe

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



2C87AE



17A6E3



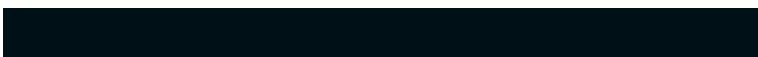
2C46AE



4E5457



006996

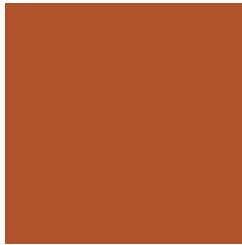


001017



# Previews

## White Background



This preview shows how the Hex color AE532C looks on a white background.

## Color Contrast Check

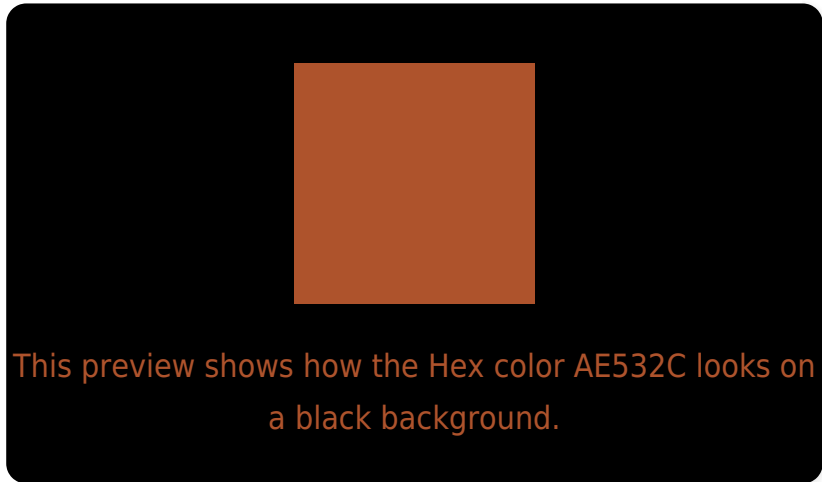
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AE532C Background



This preview shows how black text looks on a background with the Hex color AE532C.



This preview shows how white text looks on a background with the Hex color AE532C.

# 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**  
AE532C

**Protanopia**  
7A6E34

**Deuteranopia**  
896826



**Tritanopia**  
B04E54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE532C 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 #AE532C looks like.

```
.text, #text, p{  
    color:#AE532C  
}
```

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 #AE532C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE532C }  
}
```

## Border

The CSS property to change the border of an element to Hex AE532C is called "border". The border property can be set on classes, ids or directly on the HTML element.

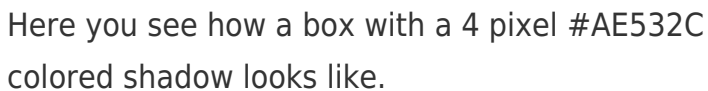
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AE532C }  
}
```

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

```
.border{ border-color:#AE532C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, and is positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #AE532C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE532C; -webkit-box-shadow:4px 4px  
4px 4px #AE532C; box-shadow:4px 4px 4px  
4px #AE532C }
```

# Background

The CSS property to change the background color of an element to Hex AE532C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE532C }
```

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

```
.background{ background-color:#AE532C }
```

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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