

Converting Colors

Hex(AC3821)

Have a look what the booklet for
Hex(AC3821) contains.

Hex(AC3821)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AC3821)

Conversions

Conversions Part 1

Format	Color
Hex	AC3821
RGB	172, 56, 33
RGB Percent	67%, 22%, 13%
CMY	0.3255, 0.7804, 0.8706
CMYK	0.00, 0.67, 0.81, 0.33
HSL	10°, 68%, 40%
HSV	10°, 81%, 67%
XYZ	18.7019, 11.7088, 2.7132
YIQ	88.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

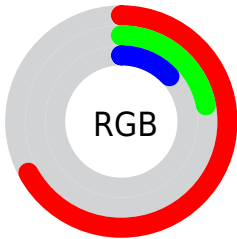
Format	Color
R_{YB}	172, 61, 33
Decimal	11286561
CIE Lab	40.75, 46.21, 39.43
CIE LCh	41, 60.742, 40.474
Yxy	11.7088, 0.5646, 0.3535
Android (android.graphics.Color)	4289476641 (0xFFAC3821)
YUV	88.0620, -27.1456, 73.6136
Hunter-Lab	34.2181, 37.6776, 19.2516

Details

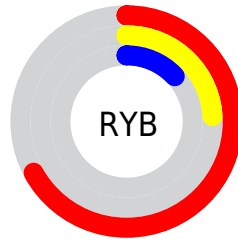
The Hex color **AC3821** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2195AC**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **EA6D4F**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AC2A10**, and if you desaturate by 10%, it is **AC4632**.

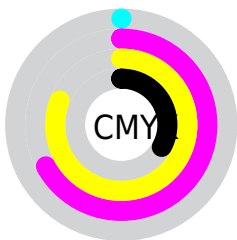
Distribution



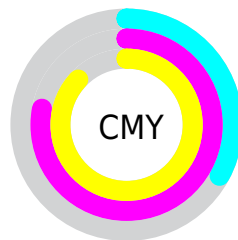
- Red (67%)
- Green (22%)
- Blue (13%)



- Red (67%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC3821 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 AC3821 by changing the saturation by 10% instead.

 AC3821

 AC3821

FFFFFF

 8E1B0A

 EA6D4F

 700000

 FF8868

 520000

 FFA381

 380002

 FFBF9C

 100000

 FFDCB7

 000000

 FFF9D3

 FFFFEF

 AC3821

 AC3821

■ AC2A10

■ AC4632

■ AC1C00

■ AC5543

■ AC6355

■ AC7166

■ AC8077

■ AC8E88

■ AC9C99

■ ACABAB

■ ACB9BC

Harmonies

Analogous

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



B62251



AC3821



8F5100

Triad

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



AC3821



00743D



0061C3

Complementary

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



AC3821



2195AC

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.



006FBE



AC3821



007671

Square

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



AC3821



2A6E00



0075A0



764AAD

Rectangle

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



AC3821



745E00



0075A0



0066C5

Sweetspot

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



AC3821



E0B3AB



AC2197



705550



F0F0F0



707070

Same Dimension

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



AC3821



E02B07



AC7B21



574F4E



961900



170400

Inverse Universe

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



2195AC



07BCE0



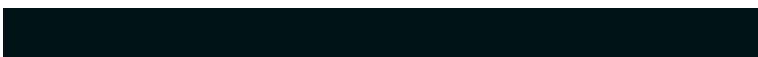
2152AC



4E5557



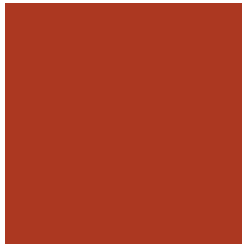
007E96



001317

Previews

White Background



This preview shows how the Hex color AC3821 looks on a white background.

Color Contrast Check

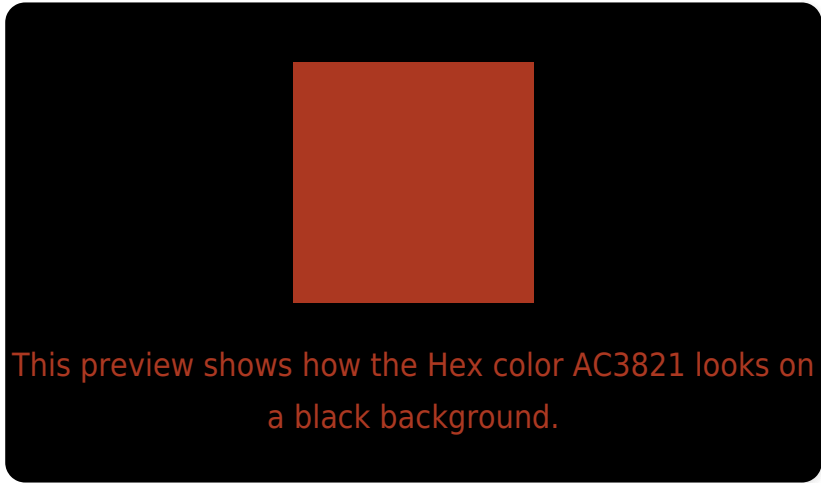
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC3821 Background



This preview shows how black text looks on a background with the Hex color AC3821.



This preview shows how white text looks on a background with the Hex color AC3821.

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

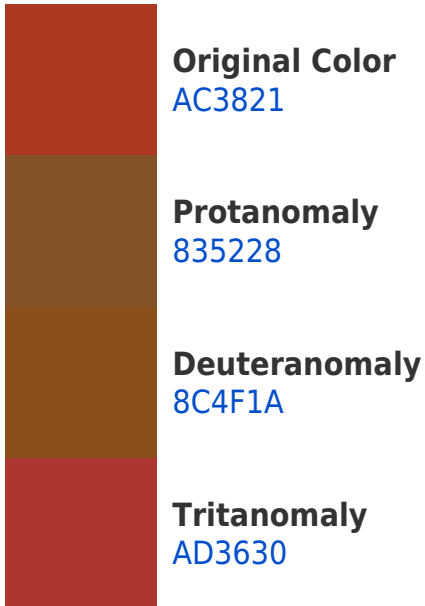


Original Color
AC3821

Protanopia
6C612C

Deuteranopia
7A5C16

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC3821 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 #AC3821 looks like.

```
.text, #text, p{  
    color:#AC3821  
}
```

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 #AC3821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC3821
}
```

Border

The CSS property to change the border of an element to Hex AC3821 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".

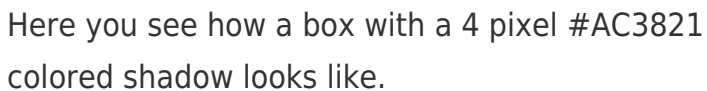
```
.border, #border, table{ border:4px solid
#AC3821 }
```

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

```
.border{ border-color:#AC3821 }
```

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

Here you see how a box with a 4 pixel #AC3821 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC3821; -webkit-box-shadow:4px 4px  
4px 4px #AC3821; box-shadow:4px 4px 4px  
4px #AC3821 }
```

Background

The CSS property to change the background color of an element to Hex AC3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC3821 }
```

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

```
.background{ background-color:#AC3821 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor