

Converting Colors

Hex(AB4421)

Have a look what the booklet for
Hex(AB4421) contains.

Hex(AB4421)	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(AB4421)

Conversions

Conversions Part 1

Format	Color
Hex	AB4421
RGB	171, 68, 33
RGB Percent	67%, 27%, 13%
CMY	0.3294, 0.7333, 0.8706
CMYK	0.00, 0.60, 0.81, 0.33
HSL	15°, 68%, 40%
HSV	15°, 81%, 67%
XYZ	19.1362, 12.9020, 2.9206
YIQ	94.8070, 72.6230, 10.9510

Conversions

Conversions Part 2

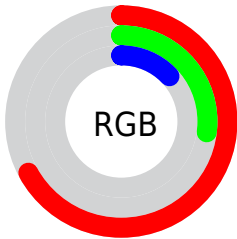
Format	Color
R_{YB}	171, 80, 33
Decimal	11224097
CIE _{Lab}	42.62, 40.40, 41.19
CIE _{LCh}	43, 57.696, 45.557
Yxy	12.9020, 0.5474, 0.3691
Android (android.graphics.Color)	4289414177 (0xFFAB4421)
YUV	94.8070, -30.4709, 66.8213
Hunter-Lab	35.9193, 32.2381, 20.3227

Details

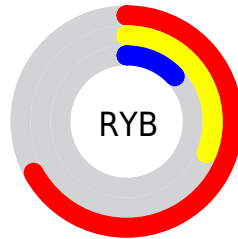
The Hex color **AB4421** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2188AB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E87850**, and **700D00** is the 20% darker color. If you saturate the color by 10%, you get **AB3710**, and if you desaturate by 10%, it is **AB5132**.

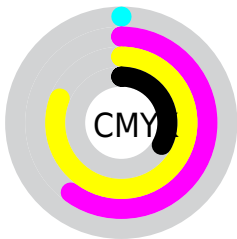
Distribution



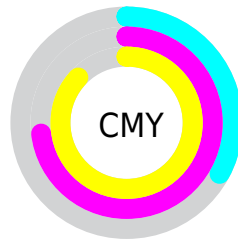
- Red (67%)
- Green (27%)
- Blue (13%)



- Red (67%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4421 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 AB4421 by changing the saturation by 10% instead.

 AB4421

 AB4421

FFFFFF

 8D2A09

 E87850

 700D00

 FF9269

 520000

 FFAE82

 370001

 FFCA9D

 140000

 FFE6B8

 000000

 FFFFD4

 FFFFF0

 AB4421

 AB4421

■ AB3710

■ AB5132

■ AB2B00

■ AB5E43

■ AB6A54

■ AB7765

■ AB8477

■ AB9188

■ AB9D99

■ ABAAAA

■ ABB7BB

Harmonies

Analogous

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



B8304E



AB4421



8D5A00

Triad

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



AB4421



00794B



2262C1

Complementary

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



AB4421



2188AB

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.



0071C1



AB4421



007A7D

Square

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



AB4421



267419



0078A8



854BA8

Rectangle

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



AB4421



726500



0078A8



0068C4

Sweetspot

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



AB4421



DEB6A9



AB2188



705850



F0F0F0



707070

Same Dimension

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



AB4421



DE3D07



AB8821



57504E



962600



170600

Inverse Universe

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



2188AB



07A7DE



2143AB



4E5557



007096



001117

Previews

White Background



This preview shows how the Hex color AB4421 looks on a white background.

Color Contrast Check

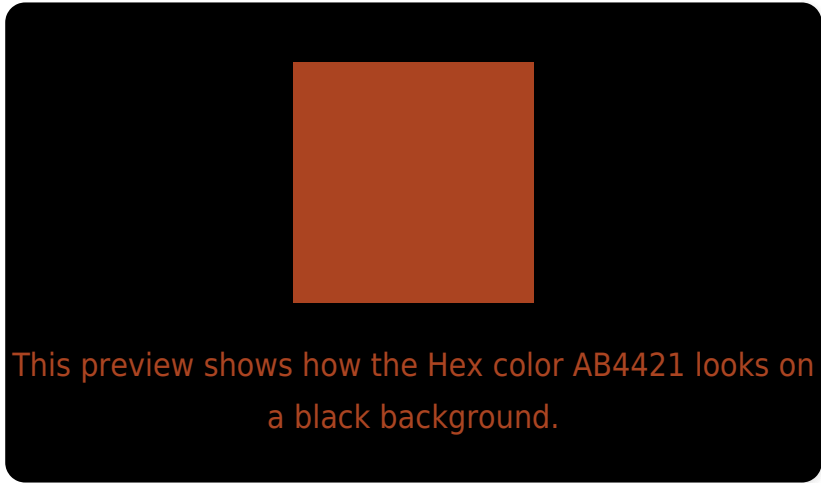
Large Text (above 18pt) WCAG AA ✓ Pass

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

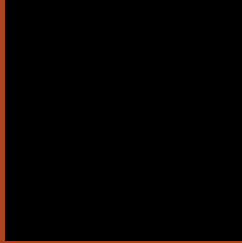
Any Text WCAG AA × Fail

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 AB4421 Background



This preview shows how black text looks on a background with the Hex color AB4421.



This preview shows how white text looks on a background with the Hex color AB4421.

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

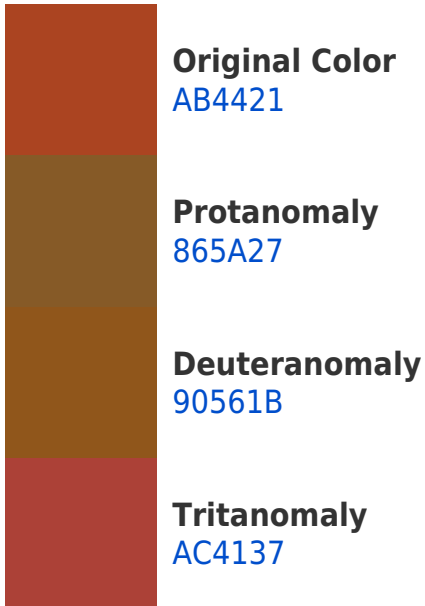


Original Color
AB4421

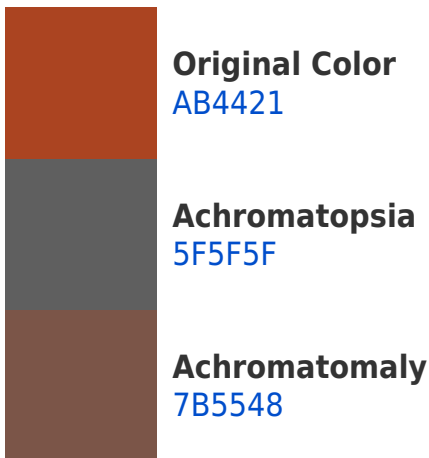
Protanopia
71662A

Deuteranopia
806018

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB4421 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 #AB4421 looks like.

```
.text, #text, p{  
    color:#AB4421  
}
```

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 #AB4421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4421
}
```

Border

The CSS property to change the border of an element to Hex AB4421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

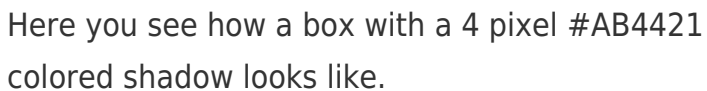
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4421 }
```

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

```
.border{ border-color:#AB4421 }
```

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



Here you see how a box with a 4 pixel #AB4421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4421; -webkit-box-shadow:4px 4px  
4px 4px #AB4421; box-shadow:4px 4px 4px  
4px #AB4421 }
```

Background

The CSS property to change the background color of an element to Hex AB4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4421 }
```

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

```
.background{ background-color:#AB4421 }
```

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