

Converting Colors

Hex(AB3414)

Have a look what the booklet for
Hex(AB3414) contains.

Hex(AB3414)	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(AB3414)

Conversions

Conversions Part 1

Format	Color
Hex	AB3414
RGB	171, 52, 20
RGB Percent	67%, 20%, 8%
CMY	0.3294, 0.7961, 0.9216
CMYK	0.00, 0.70, 0.88, 0.33
HSL	13°, 79%, 37%
HSV	13°, 88%, 67%
XYZ	18.1488, 11.1644, 1.8602
YIQ	83.9330, 81.1960, 15.2760

Conversions

Conversions Part 2

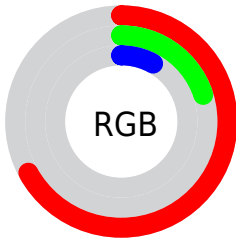
Format	Color
R_{YB}	171, 61, 20
Decimal	11219988
CIE _{Lab}	39.86, 47.16, 44.79
CIE _{LCh}	40, 65.044, 43.524
Yxy	11.1644, 0.5822, 0.3581
Android (android.graphics.Color)	4289410068 (0xFFAB3414)
YUV	83.9330, -31.5190, 76.3578
Hunter-Lab	33.4132, 38.4817, 20.0884

Details

The Hex color **AB3414** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **148BAB**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E96943**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AB2703**, and if you desaturate by 10%, it is **AB4125**.

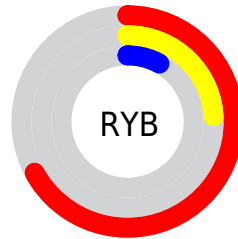
Distribution



Red (67%)

Green (20%)

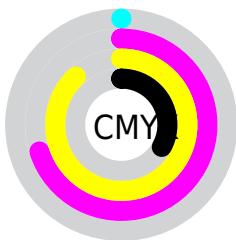
Blue (8%)



Red (67%)

Yellow (24%)

Blue (8%)

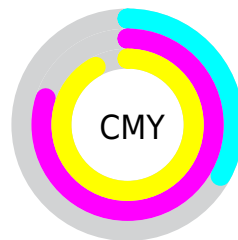


Cyan (0%)

Magenta (70%)

Yellow (88%)

Black (33%)



Cyan (33%)

Magenta (80%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3414 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 AB3414 by changing the saturation by 10% instead.

 AB3414

 AB3414

FFFFFFE

 8C1600

 E96943

 6E0000

 FF845C

 510000

 FFA075

 370002

 FFBC8F

 090000

 FFD8AA

 000000

 FFF5C5

 FFFFE2

 AB3414

 AB3414

 AB2703

 AB4125

 AB2400

 AB4F36

 AB5C47

 AB6A58

 AB7769

 AB857B

 AB928C

 ABA09D

 ABADAE

Harmonies

Analogous

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



B91149



AB3414



8A5100

Triad

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



AB3414



00733E



005DC7

Complementary

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



AB3414



148BAB

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.



006CC5



AB3414



007475

Square

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



AB3414



116E00



0073A7



7C42AC

Rectangle

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



AB3414



6D5E00



0073A7



0063C9

Sweetspot

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



AB3414



DEB0A4



AB148D



70554D



F0F0F0



707070

Same Dimension

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



AB3414



DE2F00



AB7E14



57504E



962000



170500

Inverse Universe

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



148BAB



00AFDE



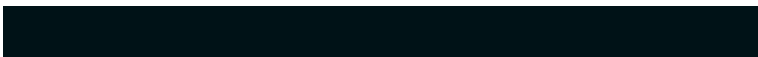
1441AB



4E5557



007796



001217

Previews

White Background



This preview shows how the Hex color AB3414 looks on a white background.

Color Contrast Check

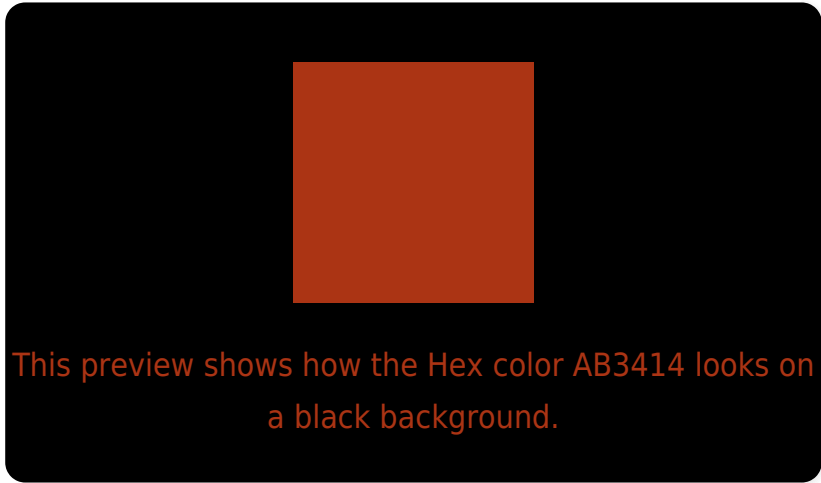
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3414 Background



This preview shows how black text looks on a background with the Hex color AB3414.



This preview shows how white text looks on a background with the Hex color AB3414.

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

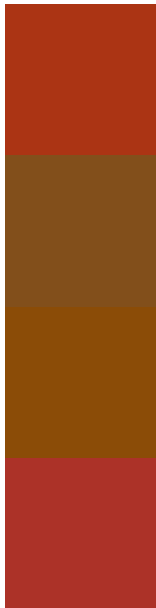


Original Color
AB3414

Protanopia
6A5F1F

Deuteranopia
785A00

Trichromacy



Original Color
AB3414

Protanomaly
824F1B

Deuteranomaly
8B4C07

Tritanomaly
AC3228

Monochromacy



Original Color
AB3414

Achromatopsia
545454

Achromatomaly
74483D

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3414 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 #AB3414 looks like.

```
.text, #text, p{  
    color:#AB3414  
}
```

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 #AB3414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3414
}
```

Border

The CSS property to change the border of an element to Hex AB3414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

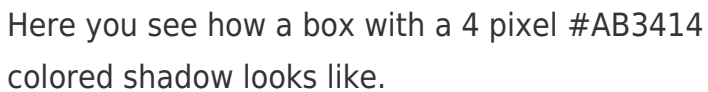
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB3414 }
```

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

```
.border{ border-color:#AB3414 }
```

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



Here you see how a box with a 4 pixel `#AB3414` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3414; -webkit-box-shadow:4px 4px  
4px 4px #AB3414; box-shadow:4px 4px 4px  
4px #AB3414 }
```

Background

The CSS property to change the background color of an element to Hex AB3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3414 }
```

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

```
.background{ background-color:#AB3414 }
```

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