

Converting Colors

Hex(AB4142)

Have a look what the booklet for
Hex(AB4142) contains.

Hex(AB4142)	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(AB4142)

Conversions

Conversions Part 1

Format	Color
Hex	AB4142
RGB	171, 65, 66
RGB Percent	67%, 25%, 26%
CMY	0.3294, 0.7451, 0.7412
CMYK	0.00, 0.62, 0.61, 0.33
HSL	359°, 45%, 46%
HSV	359°, 62%, 67%
XYZ	19.6683, 12.8319, 6.5944
YIQ	96.8080, 62.8550, 22.7830

Conversions

Conversions Part 2

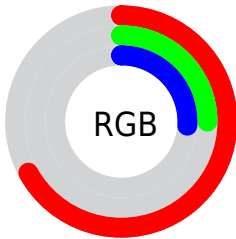
Format	Color
RYB	171, 65, 66
Decimal	11223362
CIELab	42.51, 43.55, 22.34
CIELCh	43, 48.942, 27.152
Yxy	12.8319, 0.5031, 0.3282
Android (android.graphics.Color)	4289413442 (0xFFAB4142)
YUV	96.8080, -15.1883, 65.0664
Hunter-Lab	35.8216, 35.3196, 14.1604

Details

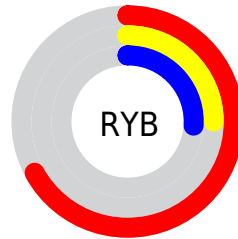
The Hex color **AB4142** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **41ABAA**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E77572**, and **710417** is the 20% darker color. If you saturate the color by 10%, you get **AB3031**, and if you desaturate by 10%, it is **AB5253**.

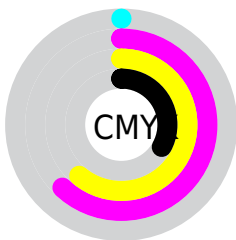
Distribution



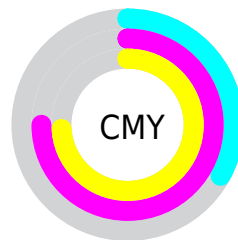
- Red (67%)
- Green (25%)
- Blue (26%)



- Red (67%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (61%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4142 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 AB4142 by changing the saturation by 10% instead.

 AB4142

 AB4142

FFFFFF

 8E262C

 E77572

 710417

 FF908B

 550000

 FFACA6

 3A0001

 FFC8C1

 180001

 FFE4DD

 000000

 FFFFF9

 AB4142

 AB4142

 AB3031

 AB5253

 AB1F20

 AB6364

 AB0E0F

 AB7475

 AB0002

 AB8586

 AB9697

 ABA8A8

 ABB9B9

 ABCACA

 ABDBDA

Harmonies

Analogous

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



AA3C6A



AB4142



9A511F

Triad

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



AB4142



137436



006AB5

Complementary

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



AB4142



41ABAA

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.



0073A8



AB4142



00775F

Square

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



AB4142



546D12



007788



5C5BAD

Rectangle

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



AB4142



875C0A



007788



006EB3

Sweetspot

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



AB4142



DEB4B4



A941AB



705657



F0F0F0



707070

Same Dimension

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



AB4142



DE3A3B



AB7441



574E4E



960001



170000

Inverse Universe

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



AB4142



DE3A3B



4178AB



574E4E



960001



170000

Previews

White Background



This preview shows how the Hex color AB4142 looks on a white background.

Color Contrast Check

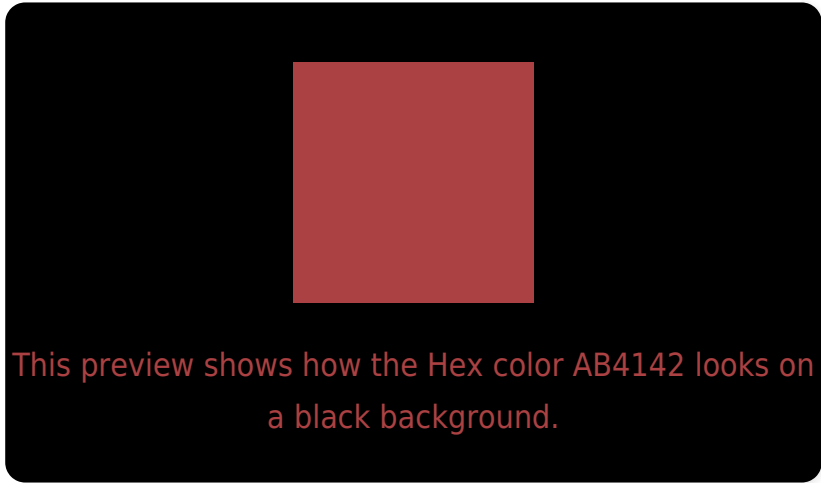
Large Text (above 18pt) WCAG AA ✓ Pass

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

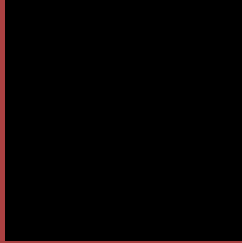
Any Text WCAG AA × Fail

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 AB4142 Background



This preview shows how black text looks on a background with the Hex color AB4142.

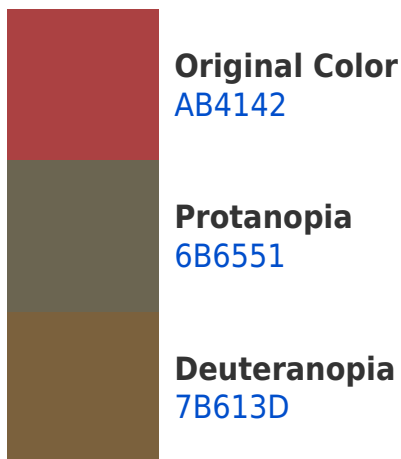


This preview shows how white text looks on a background with the Hex color AB4142.

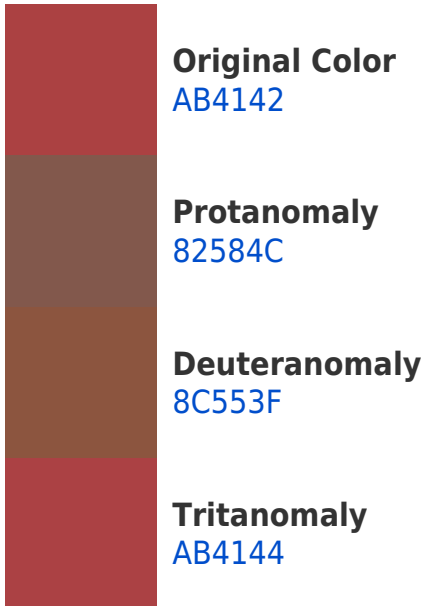
Color Blindness Simulation

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](#).

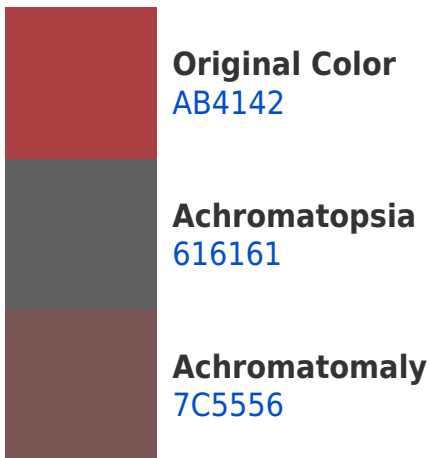
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB4142 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 #AB4142 looks like.

```
.text, #text, p{  
    color:#AB4142  
}
```

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 #AB4142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4142
}
```

Border

The CSS property to change the border of an element to Hex AB4142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

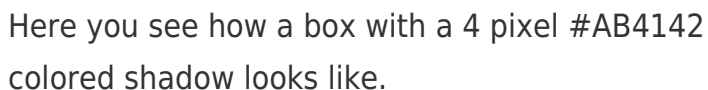
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4142 }
```

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

```
.border{ border-color:#AB4142 }
```

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



Here you see how a box with a 4 pixel #AB4142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4142; -webkit-box-shadow:4px 4px  
4px 4px #AB4142; box-shadow:4px 4px 4px  
4px #AB4142 }
```

Background

The CSS property to change the background color of an element to Hex AB4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4142 }
```

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

```
.background{ background-color:#AB4142 }
```

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