

Converting Colors

Hex(AB5049)

Have a look what the booklet for
Hex(AB5049) contains.

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Color

Hex(AB5049)

Conversions

Conversions Part 1

Format	Color
Hex	AB5049
RGB	171, 80, 73
RGB Percent	67%, 31%, 29%
CMY	0.3294, 0.6863, 0.7137
CMYK	0.00, 0.53, 0.57, 0.33
HSL	4°, 40%, 48%
HSV	4°, 57%, 67%
XYZ	20.8658, 14.8763, 8.0750
YIQ	106.4110, 56.4830, 17.1150

Conversions

Conversions Part 2

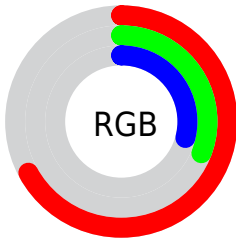
Format	Color
RYB	171, 81, 73
Decimal	11227209
CIELab	45.46, 36.69, 21.94
CIElCh	45, 42.755, 30.882
Yxy	14.8763, 0.4762, 0.3395
Android (android.graphics.Color)	4289417289 (0xFFAB5049)
YUV	106.4110, -16.4716, 56.6446
Hunter-Lab	38.5698, 29.0695, 14.5859

Details

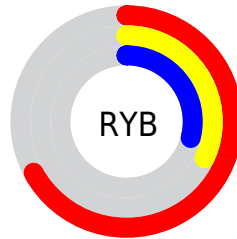
The Hex color **AB5049** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **49A4AB**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E6847A**, and **721E1D** is the 20% darker color. If you saturate the color by 10%, you get **AB4038**, and if you desaturate by 10%, it is **AB605A**.

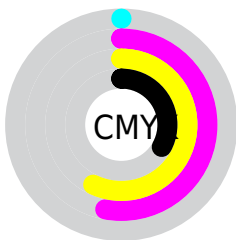
Distribution



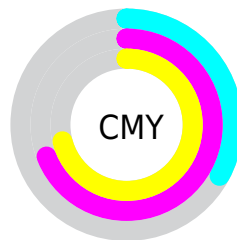
- Red (67%)
- Green (31%)
- Blue (29%)



- Red (67%)
- Yellow (32%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB5049 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 AB5049 by changing the saturation by 10% instead.

 AB5049

 AB5049

FFFFFF

 8E3732

 E6847A

 721E1D

 FF9E93

 560005

 FFBAAE

 3B0000

 FFD6C9

 1F0001

 FFF3E6

 000000

 AB5049

 AB5049

 AB4038

 AB605A

 AB3027

 AB706B

 AB2016

 AB807C

 AB1005

 AB908D

 AB0C00

 AB9F9E

 ABAFB0

 ABBFC1

 ABCFD2

 ABDFE3

Harmonies

Analogous

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



AB4B6C



AB5049



9A5D2D

Triad

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



AB5049



277A47



196FB3

Complementary

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



AB5049



49A4AB

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.



0078AA



AB5049



007D6C

Square

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



AB5049



5A742A



007C8F



6E62A9

Rectangle

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



AB5049



886621



007C8F



0073B2

Sweetspot

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



AB5049



DEBBB8



AB49A4



705B5A



F0F0F0



707070

Same Dimension

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



AB5049



DE5045



AB8149



574F4E



960B00



170200

Inverse Universe

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



49A4AB



45D3DE



4973AB



4E5657



008C96



001517

Previews

White Background



This preview shows how the Hex color AB5049 looks on a white background.

Color Contrast Check

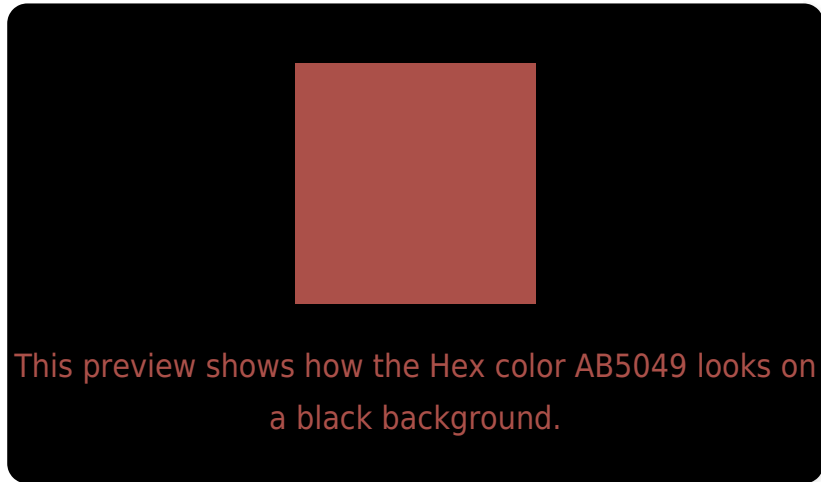
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB5049 Background



This preview shows how black text looks on a background with the Hex color AB5049.



This preview shows how white text looks on a background with the Hex color AB5049.

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
AB5049

Protanopia
736C55

Deuteranopia
826745



Tritanopia
AC4E54

Trichromacy



Original Color
AB5049

Protanomaly
876251

Deuteranomaly
915F46

Tritanomaly
AC4F50

Monochromacy



Original Color
AB5049

Achromatopsia
6A6A6A

Achromatomaly
82615E

CSS Examples

Text

The CSS property to change the color of the text to Hex AB5049 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 #AB5049 looks like.

```
.text, #text, p{  
    color:#AB5049  
}
```

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 #AB5049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5049
}
```

Border

The CSS property to change the border of an element to Hex AB5049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

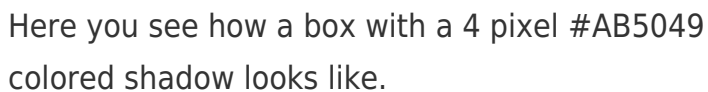
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5049 }
```

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

```
.border{ border-color:#AB5049 }
```

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



Here you see how a box with a 4 pixel #AB5049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5049; -webkit-box-shadow:4px 4px  
4px 4px #AB5049; box-shadow:4px 4px 4px  
4px #AB5049 }
```

Background

The CSS property to change the background color of an element to Hex AB5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5049 }
```

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

```
.background{ background-color:#AB5049 }
```

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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