

Converting Colors

Hex(AB4C13)

Have a look what the booklet for
Hex(AB4C13) contains.

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Color

Hex(**AB4C13**)

Conversions

Conversions Part 1

Format	Color
Hex	AB4C13
RGB	171, 76, 19
RGB Percent	67%, 30%, 7%
CMY	0.3294, 0.7020, 0.9255
CMYK	0.00, 0.56, 0.89, 0.33
HSL	22°, 80%, 37%
HSV	22°, 89%, 67%
XYZ	19.4966, 13.8738, 2.2664
YIQ	97.9070, 74.9170, 2.4130

Conversions

Conversions Part 2

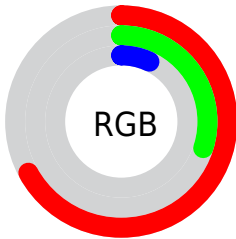
Format	Color
R_{YB}	171, 110, 19
Decimal	11226131
CIE Lab	44.05, 36.04, 48.52
CIE LCh	44, 60.439, 53.399
Yxy	13.8738, 0.5471, 0.3893
Android (android.graphics.Color)	4289416211 (0xFFAB4C13)
YUV	97.9070, -38.9012, 64.1026
Hunter-Lab	37.2476, 28.2493, 22.4657

Details

The Hex color **AB4C13** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1372AB**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **E87F45**, and **701A00** is the 20% darker color. If you saturate the color by 10%, you get **AB4102**, and if you desaturate by 10%, it is **AB5724**.

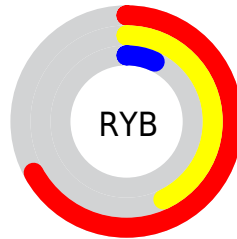
Distribution



Red (67%)

Green (30%)

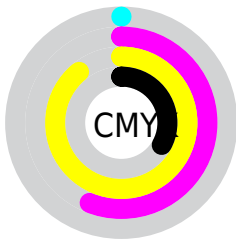
Blue (7%)



Red (67%)

Yellow (43%)

Blue (7%)

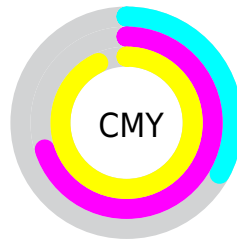


Cyan (0%)

Magenta (56%)

Yellow (89%)

Black (33%)



Cyan (33%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4C13 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 AB4C13 by changing the saturation by 10% instead.

 AB4C13

 AB4C13

FFFFFF

 8D3300

 E87F45

 701A00

 FF9A5E

 520000

 FFB578

 370000

 FFD192

 160000

 FFEEAD

 000000

 FFFFC9

 FFFF E5

 AB4C13

 AB4C13

■ AB4102

■ AB5724

■ AB4000

■ AB6135

■ AB6C46

■ AB7757

■ AB8168

■ AB8C7A

■ AB978B

■ ABA19C

■ ABACAD

Harmonies

Analogous

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



BE3444



AB4C13



876200

Triad

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



AB4C13



007E5B



4C60C5

Complementary

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



AB4C13



1372AB

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.



0072CD



AB4C13



007E8F

Square

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



AB4C13



007A27



007BB8



9946A5

Rectangle

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



AB4C13



696D00



007BB8



0067CB

Sweetspot

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



AB4C13



DEB8A2



AB1373



705A4C



F0F0F0



707070

Same Dimension

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



AB4C13



DE5300



AB9713



57514E



963800



170900

Inverse Universe

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



1372AB



008BDE



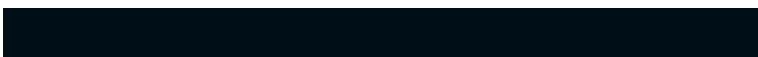
1327AB



4E5357



005E96



000E17

Previews

White Background



This preview shows how the Hex color AB4C13 looks on a white background.

Color Contrast Check

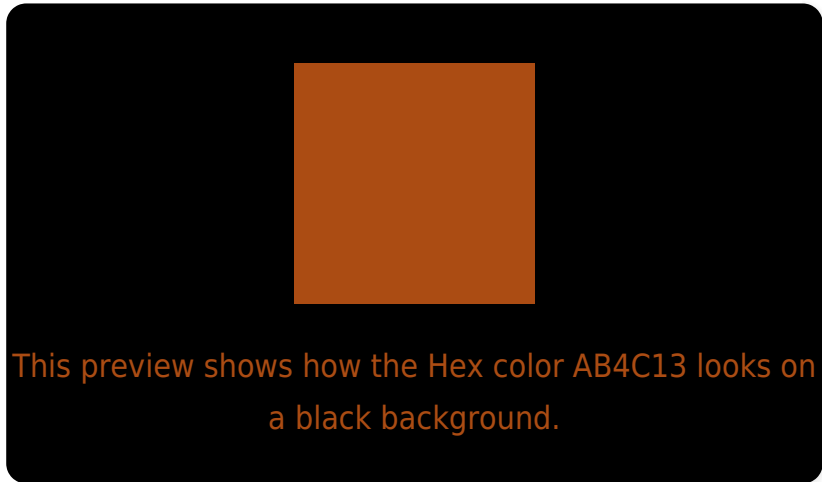
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4C13 Background



This preview shows how black text looks on a background with the Hex color AB4C13.



This preview shows how white text looks on a background with the Hex color AB4C13.

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

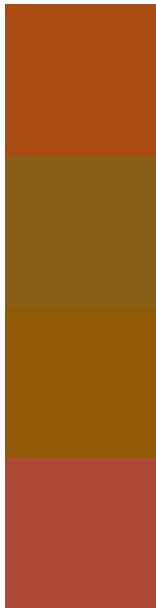


Original Color
AB4C13

Protanopia
76691A

Deuteranopia
856300

Trichromacy



Original Color
AB4C13

Protanomaly
895E17

Deuteranomaly
935B07

Tritanomaly
AC4937

Monochromacy



Original Color
AB4C13

Achromatopsia
626262

Achromatomaly
7D5A45

CSS Examples

Text

The CSS property to change the color of the text to Hex AB4C13 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 #AB4C13 looks like.

```
.text, #text, p{  
    color:#AB4C13  
}
```

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 #AB4C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4C13
}
```

Border

The CSS property to change the border of an element to Hex AB4C13 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
#AB4C13 }
```

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

```
.border{ border-color:#AB4C13 }
```

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

Here you see how a box with a 4 pixel #AB4C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4C13; -webkit-box-shadow:4px 4px  
4px 4px #AB4C13; box-shadow:4px 4px 4px  
4px #AB4C13 }
```

Background

The CSS property to change the background color of an element to Hex AB4C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4C13 }
```

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

```
.background{ background-color:#AB4C13 }
```

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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