

Converting Colors

Hex(AB5738)

Have a look what the booklet for
Hex(AB5738) contains.

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Color

Hex(AB5738)

Conversions

Conversions Part 1

Format	Color
Hex	AB5738
RGB	171, 87, 56
RGB Percent	67%, 34%, 22%
CMY	0.3294, 0.6588, 0.7804
CMYK	0.00, 0.49, 0.67, 0.33
HSL	16°, 51%, 45%
HSV	16°, 67%, 67%
XYZ	20.9166, 15.7598, 5.6809
YIQ	108.5820, 60.0150, 8.1670

Conversions

Conversions Part 2

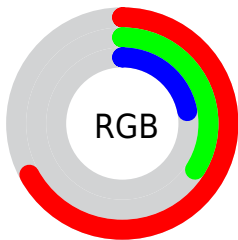
Format	Color
R _Y B	171, 98, 56
Decimal	11228984
CIE Lab	46.66, 31.79, 33.30
CIE LCh	47, 46.039, 46.323
Yxy	15.7598, 0.4938, 0.3721
Android (android.graphics.Color)	4289419064 (0xFFAB5738)
YUV	108.5820, -25.9229, 54.7406
Hunter-Lab	39.6987, 24.5761, 19.3046

Details

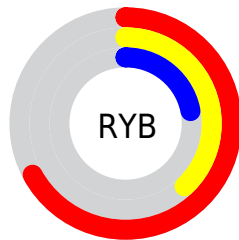
The Hex color **AB5738** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **388CAB**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E78A68**, and **71260B** is the 20% darker color. If you saturate the color by 10%, you get **AB4B27**, and if you desaturate by 10%, it is **AB6349**.

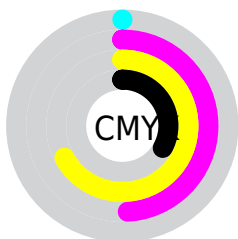
Distribution



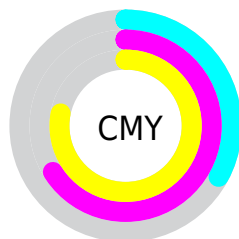
- Red (67%)
- Green (34%)
- Blue (22%)



- Red (67%)
- Yellow (38%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB5738 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 AB5738 by changing the saturation by 10% instead.


 AB5738

 AB5738

FFFFFF

 8E3E21

 E78A68

 71260B

 FFA581

 560D00

 FFC19C

 3A0000

 FFDD87

 1F0001

 FFFAD2

 000000

 FFFFEE

 AB5738

 AB5738

 AB4B27

 AB6349

 AB3E16

 AB705A

 AB3205

 AB7C6B

 AB2E00

 AB897C

 AB958D

 ABA29F

 ABAEBO

 ABBBC1

 ABC7D2

Harmonies

Analogous

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



B54C5B



AB5738



92661F

Triad

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



AB5738



00805B



4E6CB9

Complementary

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



AB5738



388CAB

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.



0078BA



AB5738



008183

Square

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



AB5738



427C36



007FA6



8C5BA4

Rectangle

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



AB5738



7C6F1A



007FA6



2B70BC

Sweetspot

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



AB5738



DEBDB1



AB388C



705D55



F0F0F0



707070

Same Dimension

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



AB5738



DE5B2A



AB9038



57504E



962900



170600

Inverse Universe

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



388CAB



2AADDE



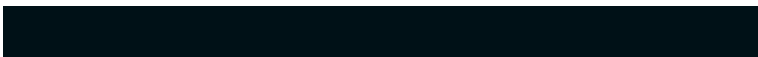
3853AB



4E5457



006E96



001117

Previews

White Background



This preview shows how the Hex color AB5738 looks on a white background.

Color Contrast Check

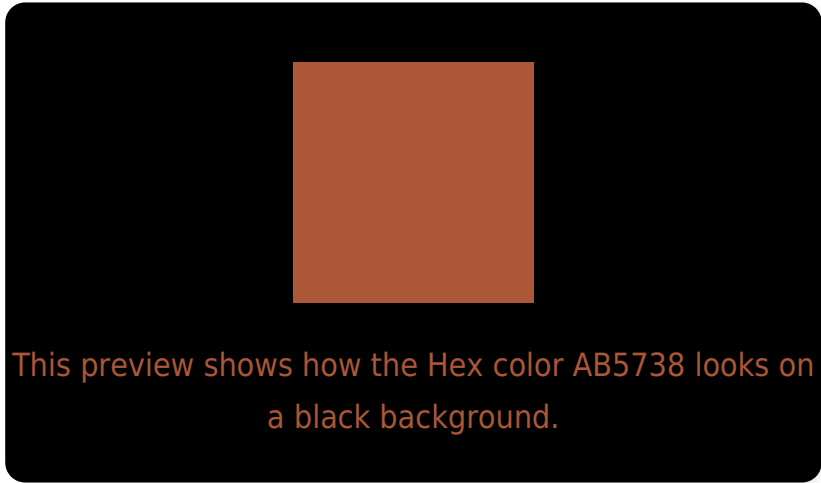
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB5738 Background



This preview shows how black text looks on a background with the Hex color AB5738.



This preview shows how white text looks on a background with the Hex color AB5738.

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

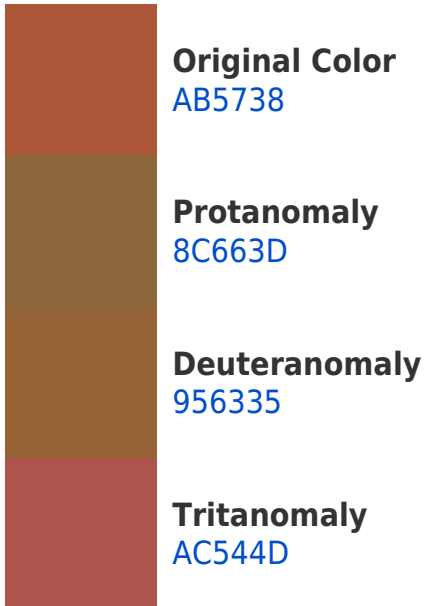


Original Color
AB5738

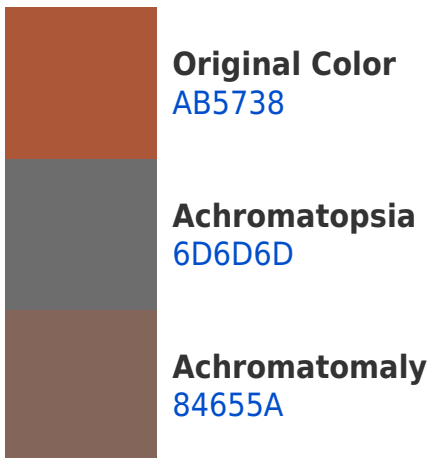
Protanopia
7A6F40

Deuteranopia
896A34

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB5738 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 #AB5738 looks like.

```
.text, #text, p{  
    color:#AB5738  
}
```

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 #AB5738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5738
}
```

Border

The CSS property to change the border of an element to Hex AB5738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

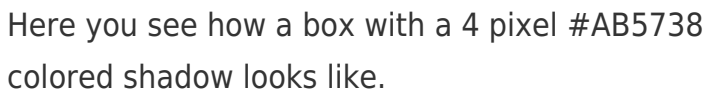
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5738 }
```

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

```
.border{ border-color:#AB5738 }
```

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



Here you see how a box with a 4 pixel #AB5738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5738; -webkit-box-shadow:4px 4px  
4px 4px #AB5738; box-shadow:4px 4px 4px  
4px #AB5738 }
```

Background

The CSS property to change the background color of an element to Hex AB5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5738 }
```

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

```
.background{ background-color:#AB5738 }
```

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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