

# Converting Colors

Hex(AB6538)

Have a look what the booklet for  
Hex(AB6538) contains.

<b>Hex(AB6538)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AB6538)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB6538
RGB	171, 101, 56
RGB Percent	67%, 40%, 22%
CMY	0.3294, 0.6039, 0.7804
CMYK	0.00, 0.41, 0.67, 0.33
HSL	23°, 51%, 45%
HSV	23°, 67%, 67%
XYZ	22.1621, 18.2508, 6.0961
YIQ	116.8000, 56.1650, 0.8450

# Conversions

## Conversions Part 2

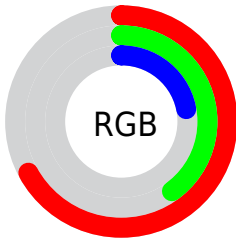
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 130, 56
Decimal	11232568
CIE Lab	49.80, 24.13, 36.93
CIE LCh	50, 44.119, 56.842
Yxy	18.2508, 0.4765, 0.3924
Android (android.graphics.Color)	4289422648 (0xFFAB6538)
YUV	116.8000, -29.9744, 47.5334
Hunter-Lab	42.7210, 17.8376, 21.4443

# Details

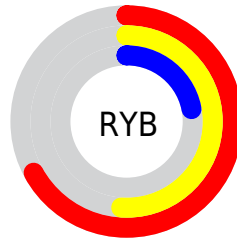
The Hex color **AB6538** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **387EAB**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E69969**, and **723509** is the 20% darker color. If you saturate the color by 10%, you get **AB5B27**, and if you desaturate by 10%, it is **AB6F49**.

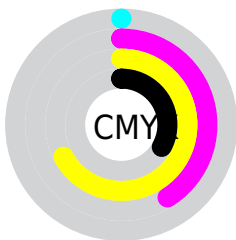
# Distribution



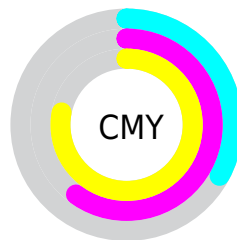
- Red (67%)
- Green (40%)
- Blue (22%)



- Red (67%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB6538 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 AB6538 by changing the saturation by 10% instead.



 AB6538

 AB6538

FFFFFF

 8E4D21

 E69969

 723509

 FF382

 571E00

 FFCF9D

 3B0800

 FFECB8

 250001

 FFFFD4

 000000

 FFFFF0

 AB6538

 AB6538

 AB5B27

 AB6F49

 AB5016

 AB7A5A

 AB4605

 AB846B

 AB4300

 AB8F7C

 AB998D

 ABA39F

 ABAEBO

 ABB8C1

 ABC3D2

# Harmonies

## Analogous

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



BB5957



AB6538



8F7328

# Triad

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



AB6538



008971



716EB9

# Complementary

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



AB6538



387EAB

# 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.



077CC1



AB6538



008997

# Square

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



AB6538



39854C



0085B5



A15FA0

# Rectangle

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



AB6538



777B2A



0085B5



5B73BE



# Sweetspot

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



AB6538



DEC3B1



AB387F



706055



F0F0F0



707070



# Same Dimension

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



AB6538



DE702A



AB9E38



57514E



963B00



170900



# Inverse Universe

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



387EAB



2A98DE



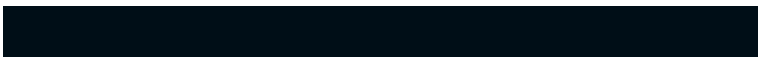
3845AB



4E5357



005C96



000E17



# Previews

## White Background



This preview shows how the Hex color AB6538 looks on a white background.

## Color Contrast Check

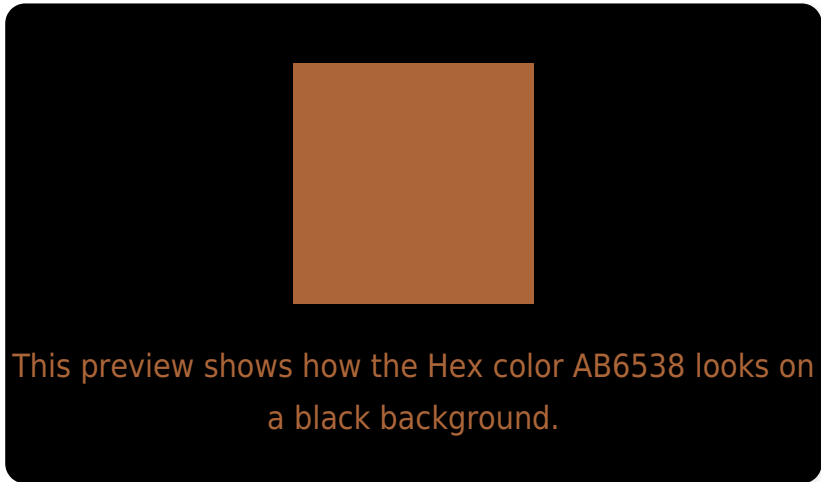
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

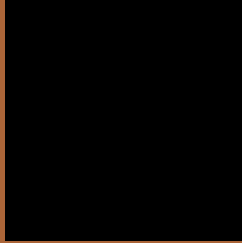
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB6538 Background



This preview shows how black text looks on a background with the Hex color AB6538.



This preview shows how white text looks on a background with the Hex color AB6538.

# 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



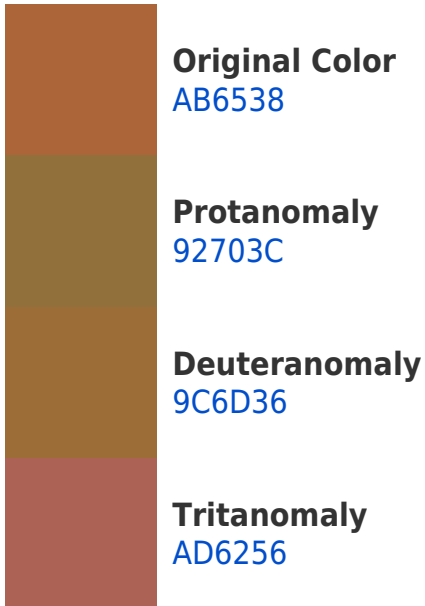
**Original Color**  
AB6538

**Protanopia**  
83773E

**Deuteranopia**  
937135



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB6538 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 #AB6538 looks like.

```
.text, #text, p{  
    color:#AB6538  
}
```

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 #AB6538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6538
}
```

## Border

The CSS property to change the border of an element to Hex AB6538 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
#AB6538 }
```

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

```
.border{ border-color:#AB6538 }
```

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

Here you see how a box with a 4 pixel #AB6538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6538; -webkit-box-shadow:4px 4px  
4px 4px #AB6538; box-shadow:4px 4px 4px  
4px #AB6538 }
```

# Background

The CSS property to change the background color of an element to Hex AB6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6538 }
```

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

```
.background{ background-color:#AB6538 }
```

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