

# Converting Colors

Hex(AB4658)

Have a look what the booklet for  
Hex(AB4658) contains.

<b>Hex(AB4658)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AB4658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4658
RGB	171, 70, 88
RGB Percent	67%, 27%, 35%
CMY	0.3294, 0.7255, 0.6549
CMYK	0.00, 0.59, 0.49, 0.33
HSL	349°, 42%, 47%
HSV	349°, 59%, 67%
XYZ	20.7462, 13.7428, 10.7917
YIQ	102.2510, 54.4180, 27.0100

# Conversions

## Conversions Part 2

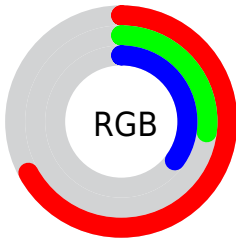
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 70, 88
Decimal	11224664
CIE <sub>Lab</sub>	43.86, 43.02, 10.65
CIE <sub>LCh</sub>	44, 44.323, 13.908
Yxy	13.7428, 0.4582, 0.3035
Android (android.graphics.Color)	4289414744 (0xFFAB4658)
YUV	102.2510, -7.0257, 60.2929
Hunter-Lab	37.0713, 35.0190, 8.6902

# Details

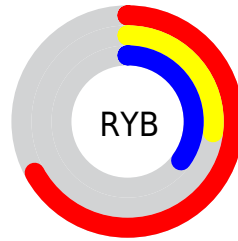
The Hex color **AB4658** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46AB99**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **E67A8A**, and **720D2B** is the 20% darker color. If you saturate the color by 10%, you get **AB354A**, and if you desaturate by 10%, it is **AB5766**.

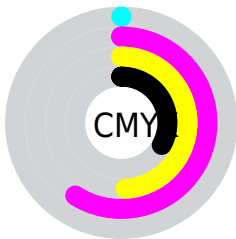
# Distribution



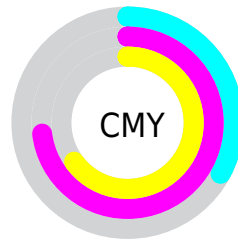
- Red (67%)
- Green (27%)
- Blue (35%)



- Red (67%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (59%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4658 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 AB4658 by changing the saturation by 10% instead.



 AB4658

 AB4658

FFFFFF

 8E2C41

 E67A8A

 720D2B

 FF95A4

 560017

 FFB1BF

 3C0000

 FFCDDB

 1E0001

 FFEAF7

 000000

 AB4658

 AB4658

 AB354A

 AB5766

 AB243C

 AB6874

 AB132E

 AB7982

 AB0220

 AB8A90

 AB001E

 AB9B9E

 ABADAC

 ABBEBA

 ABCFC8

 ABE0D6

# Harmonies

## Analogous

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



A0497D



AB4658



A25036

# Triad

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



AB4658



417430



0071AE

# Complementary

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



AB4658



46AB99

# 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.



00789A



AB4658



007852

# Square

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



AB4658



6B6B19



007A78



4266AF

# Rectangle

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



AB4658



945A24



007A78



0074A9



# Sweetspot

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



AB4658



DEB6BD



9846AB



70585C



F0F0F0



707070



# Same Dimension

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



AB4658



DE405C



AB6646



574E50



96001B



170004



# Inverse Universe

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



AB4658



DE405C



468BAB



574E50



96001B

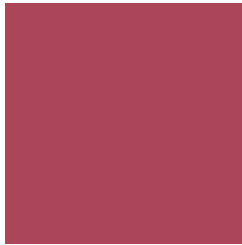


170004



# Previews

## White Background



This preview shows how the Hex color AB4658 looks on a white background.

## Color Contrast Check

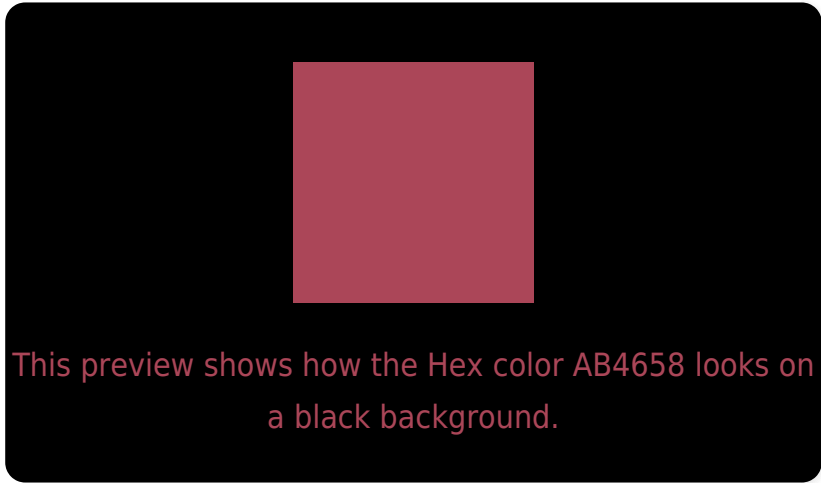
Large Text (above 18pt) WCAG AA ✓ Pass

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

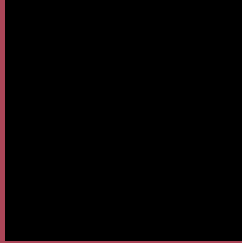
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB4658 Background



This preview shows how black text looks on a background with the Hex color AB4658.

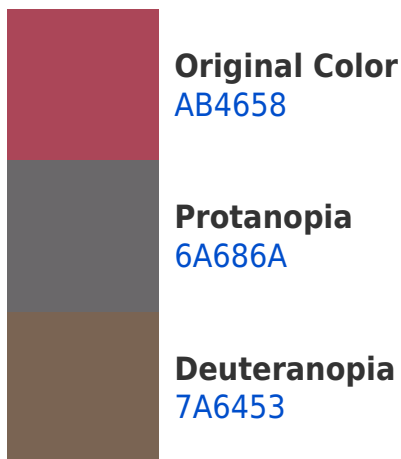



This preview shows how white text looks on a background with the Hex color AB4658.

# 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





**Tritanopia**  
AA484D

# Trichromacy



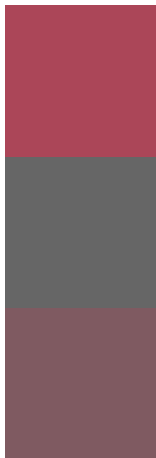
**Original Color**  
AB4658

**Protanomaly**  
825C63

**Deuteranomaly**  
8C5955

**Tritanomaly**  
AA4751

# Monochromacy



**Original Color**  
AB4658

**Achromatopsia**  
666666

**Achromatomaly**  
7F5A61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4658 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 #AB4658 looks like.

```
.text, #text, p{  
    color:#AB4658  
}
```

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 #AB4658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4658  
}
```

## Border

The CSS property to change the border of an element to Hex AB4658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

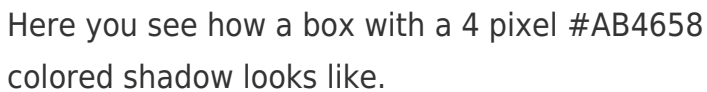
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB4658 }
```

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

```
.border{ border-color:#AB4658 }
```

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



Here you see how a box with a 4 pixel #AB4658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4658; -webkit-box-shadow:4px 4px  
4px 4px #AB4658; box-shadow:4px 4px 4px  
4px #AB4658 }
```

# Background

The CSS property to change the background color of an element to Hex AB4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4658 }
```

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

```
.background{ background-color:#AB4658 }
```

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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