

# Converting Colors

Hex(AB4667)

Have a look what the booklet for  
Hex(AB4667) contains.

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# Color

**Hex(AB4667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4667
RGB	171, 70, 103
RGB Percent	67%, 27%, 40%
CMY	0.3294, 0.7255, 0.5961
CMYK	0.00, 0.59, 0.40, 0.33
HSL	340°, 42%, 47%
HSV	340°, 59%, 67%
XYZ	21.4329, 14.0175, 14.4080
YIQ	103.9610, 49.6030, 31.6750

# Conversions

## Conversions Part 2

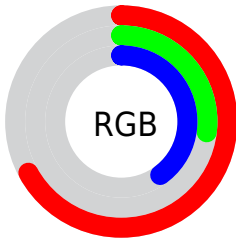
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 70, 103
Decimal	11224679
CIE <sub>Lab</sub>	44.26, 44.60, 1.98
CIE <sub>LCh</sub>	44, 44.645, 2.538
Yxy	14.0175, 0.4299, 0.2811
Android (android.graphics.Color)	4289414759 (0xFFAB4667)
YUV	103.9610, -0.4738, 58.7932
Hunter-Lab	37.4400, 36.6643, 3.3915

# Details

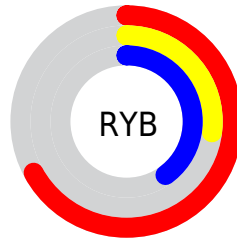
The Hex color **AB4667** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46AB8A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E57B9A**, and **730C38** is the 20% darker color. If you saturate the color by 10%, you get **AB355B**, and if you desaturate by 10%, it is **AB5773**.

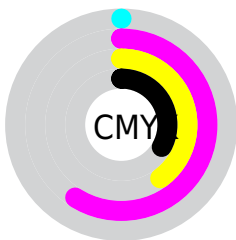
# Distribution



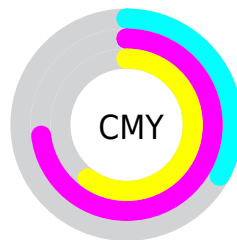
- Red (67%)
- Green (27%)
- Blue (40%)



- Red (67%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4667 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 AB4667 by changing the saturation by 10% instead.



 AB4667

 AB4667

FFFFFF

 8F2B4F

 E57B9A

 730C38

 FF96B5

 570023

 FFB1D0

 3E000D

 FFCDEC

 220001

 FFEAFF

 000000

 AB4667

 AB4667

 AB355B

 AB5773

 AB2450

 AB687E

 AB1344

 AB798A

 AB0239

 AB8A95

 AB0038

 AB9BA1

 ABADAC

 ABBEB8

 ABCFC3

 ABE0CF

# Harmonies

## Analogous

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



984E8C



AB4667



A94C43

# Triad

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



AB4667



537225



0075AA

# Complementary

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



AB4667



46AB8A

# 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.



007A90



AB4667



167845

# Square

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



AB4667



796817



007A6B



0D6CB3

# Rectangle

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



AB4667



9F552E



007A6B



0077A3



# Sweetspot

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



AB4667



DEB6C3



8946AB



705860



F0F0F0



707070



# Same Dimension

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



AB4667



DE4074



AB5746



574E51



960031



170007



# Inverse Universe

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



AB4667



DE4074



469AAB



574E51



960031



170007



# Previews

## White Background



This preview shows how the Hex color AB4667 looks on a white background.

## Color Contrast Check

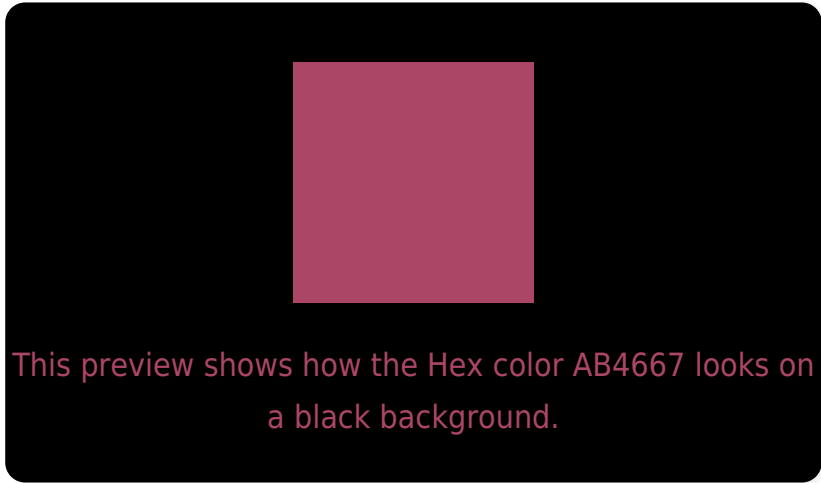
Large Text (above 18pt) WCAG AA ✓ Pass

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

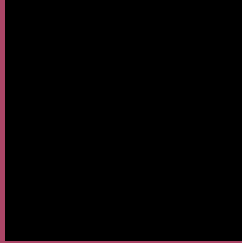
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB4667 Background



This preview shows how black text looks on a background with the Hex color AB4667.



This preview shows how white text looks on a background with the Hex color AB4667.

# 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**  
A94B50

# Trichromacy



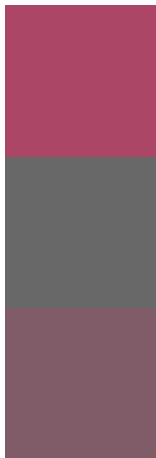
**Original Color**  
AB4667

**Protanomaly**  
7F5C74

**Deuteranomaly**  
895A64

**Tritanomaly**  
AA4958

# Monochromacy



**Original Color**  
AB4667

**Achromatopsia**  
686868

**Achromatomaly**  
805C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4667 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 #AB4667 looks like.

```
.text, #text, p{  
    color:#AB4667  
}
```

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 #AB4667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4667
}
```

## Border

The CSS property to change the border of an element to Hex AB4667 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
#AB4667 }
```

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

```
.border{ border-color:#AB4667 }
```

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

Here you see how a box with a 4 pixel #AB4667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4667; -webkit-box-shadow:4px 4px  
4px 4px #AB4667; box-shadow:4px 4px 4px  
4px #AB4667 }
```

# Background

The CSS property to change the background color of an element to Hex AB4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4667 }
```

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

```
.background{ background-color:#AB4667 }
```

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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