

# Converting Colors

Hex(BA8678)

Have a look what the booklet for  
Hex(BA8678) contains.

<b>Hex(BA8678)</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(BA8678)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA8678
RGB	186, 134, 120
RGB Percent	73%, 53%, 47%
CMY	0.2706, 0.4745, 0.5294
CMYK	0.00, 0.28, 0.35, 0.27
HSL	13°, 32%, 60%
HSV	13°, 35%, 73%
XYZ	32.1650, 28.8454, 21.6417
YIQ	147.9520, 35.4860, 6.6700

# Conversions

## Conversions Part 2

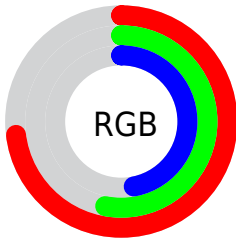
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 138, 120
Decimal	12224120
CIE Lab	60.64, 18.07, 15.43
CIE LCh	61, 23.757, 40.496
Yxy	28.8454, 0.3892, 0.3490
Android (android.graphics.Color)	4290414200 (0xFFBA8678)
YUV	147.9520, -13.7803, 33.3681
Hunter-Lab	53.7079, 12.9126, 13.7045

# Details

The Hex color **BA8678** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **78ACBA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F3BBAC**, and **835447** is the 20% darker color. If you saturate the color by 10%, you get **BA7765**, and if you desaturate by 10%, it is **BA958B**.

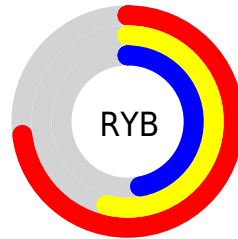
# Distribution



Red (73%)

Green (53%)

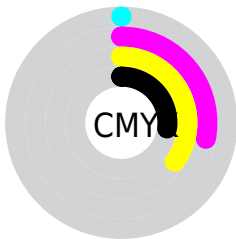
Blue (47%)



Red (73%)

Yellow (54%)

Blue (47%)

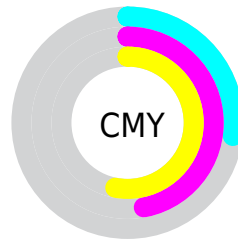


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA8678 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 BA8678 by changing the saturation by 10% instead.



 BA8678

 BA8678

FFFFFF

 9E6D5F

 F3BBAC

 835447

 FFD7C8

 693D31

 FFF4E4

 4F261C

 371102

 210000

 000000

 BA8678

 BA8678

 BA7765

 BA958B

 BA6953

 BAA39D

 BA5A40

 BAB2B0

 BA4B2E

 BAC1C2

 BA3D1B

 BACFD5

 BA2E08

 BADEE8

 BA2700

 BAEDFA

 BAFBFF

 BAFFFF

# Harmonies

## Analogous

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



BC838C



BA8678



AE8C6B

# Triad

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



BA8678



6B9D84



8392BB

# Complementary

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



BA8678



78ACBA

# 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.



6698B9



BA8678



589E99

# Square

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



BA8678



839972



549DAD



9F8AB2

# Rectangle

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



BA8678



A19168



549DAD



7994BC

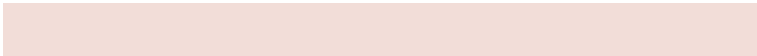


# Sweetspot

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



BA8678



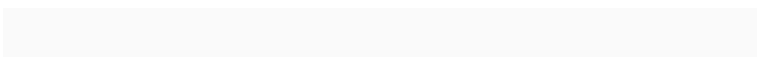
F2DDD8



BA78AD



7A6E6A



FAFAFA



7A7A7A



# Same Dimension

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



BA8678



F2A08A



BAA678



5C5553



9C2100



1C0600



# Inverse Universe

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



78ACBA



8ADCF2



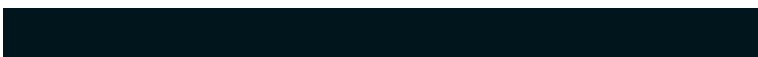
788CBA



535A5C



007B9C



00161C



# Previews

## White Background



This preview shows how the Hex color BA8678 looks on a white background.

## Color Contrast Check

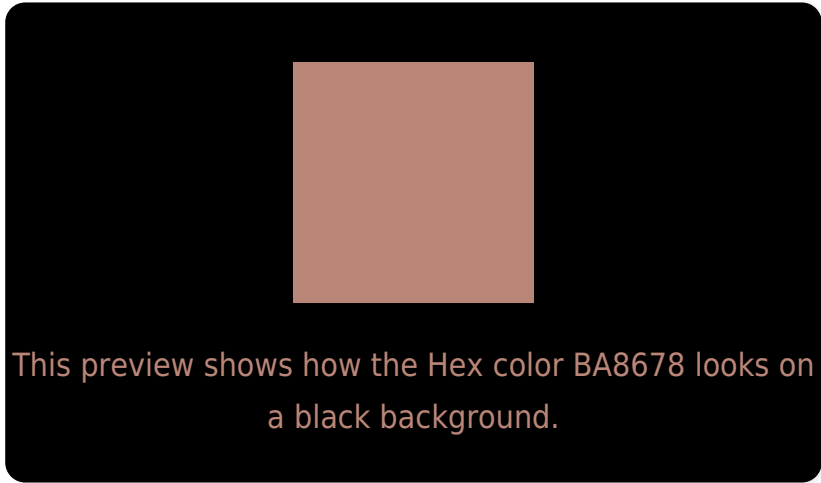
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

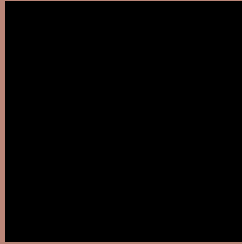
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA8678 Background



This preview shows how black text looks on a background with the Hex color BA8678.

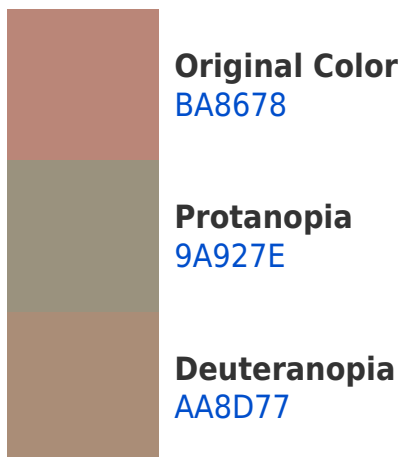



This preview shows how white text looks on a background with the Hex color BA8678.

# 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**  
BC838D

# Trichromacy



**Original Color**  
BA8678

**Protanomaly**  
A68E7C

**Deuteranomaly**  
B08A77

**Tritanomaly**  
BB8485

# Monochromacy



**Original Color**  
BA8678

**Achromatopsia**  
949494

**Achromatomaly**  
A28F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA8678 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 #BA8678 looks like.

```
.text, #text, p{  
    color:#BA8678  
}
```

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 #BA8678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8678  
}
```

## Border

The CSS property to change the border of an element to Hex BA8678 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  
#BA8678 }
```

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

```
.border{ border-color:#BA8678 }
```

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

Here you see how a box with a 4 pixel #BA8678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8678; -webkit-box-shadow:4px 4px  
4px 4px #BA8678; box-shadow:4px 4px 4px  
4px #BA8678 }
```

# Background

The CSS property to change the background color of an element to Hex BA8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8678 }
```

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

```
.background{ background-color:#BA8678 }
```

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