

# Converting Colors

Hex(B9AE73)

Have a look what the booklet for  
Hex(B9AE73) contains.

<b>Hex(B9AE73)</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(B9AE73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9AE73
RGB	185, 174, 115
RGB Percent	73%, 68%, 45%
CMY	0.2745, 0.3176, 0.5490
CMYK	0.00, 0.06, 0.38, 0.27
HSL	51°, 33%, 59%
HSV	51°, 38%, 73%
XYZ	38.2381, 41.8242, 22.2772
YIQ	170.5630, 25.4950, -16.0170

# Conversions

## Conversions Part 2

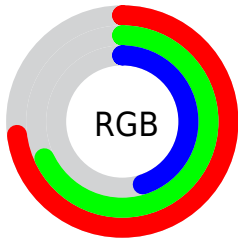
Format	Color
<a href="#">RYB</a>	<a href="#">128, 185, 115</a>
Decimal	<a href="#">12168819</a>
CIELab	<a href="#">70.75, -4.81, 31.72</a>
CIElCh	<a href="#">71, 32.081, 98.623</a>
Yxy	<a href="#">41.8242, 0.3736, 0.4087</a>
Android (android.graphics.Color)	<a href="#">4290358899 (0xFFB9AE73)</a>
YUV	<a href="#">170.5630, -27.3926, 12.6612</a>
Hunter-Lab	<a href="#">64.6716, -7.6343, 24.8468</a>

# Details

The Hex color **B9AE73** is a light color, and the websafe version is hex **999966**. A complement of this color would be **737EB9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F2E5A8**, and **837A42** is the 20% darker color. If you saturate the color by 10%, you get **B9AB61**, and if you desaturate by 10%, it is **B9B186**.

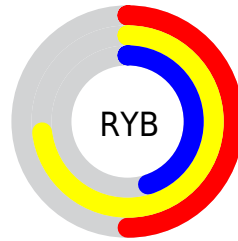
# Distribution



Red (73%)

Green (68%)

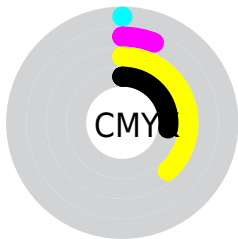
Blue (45%)



Red (50%)

Yellow (73%)

Blue (45%)

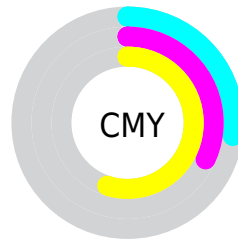


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9AE73 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 B9AE73 by changing the saturation by 10% instead.



 B9AE73

 B9AE73

FFFFFF

 9D935A

 F2E5A8

 837A42

 FFFFC3

 69612A

 FFFFDF

 4F4913

 FFFFFC

 383300

 201E00

 000500

 000000

 B9AE73

 B9AE73

 B9AB61

 B9B186

 B9A84E

 B9B498

 B9A53C

 B9B7AB

 B9A229

 B9BABD

 B99F16

 B9BDD0

 B99D04

 B9BFE2

 B99C00

 B9C2F5

 B9C5FF

 B9C8FF

# Harmonies

## Analogous

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



D3A477



B9AE73



99B67F

# Triad

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



B9AE73



4CBBD1



D99AC3

# Complementary

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



B9AE73



737EB9

# 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.



BCA3DB



B9AE73



67B6E3

# Square

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



B9AE73



57BDB5



93ADE6



E797A6

# Rectangle

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



B9AE73



82BA8E



93ADE6



D19CCC



# Sweetspot

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



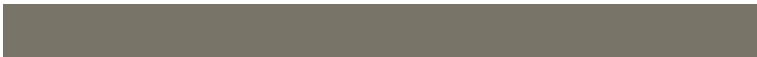
B9AE73



F0ECD5



B9737F



787568



F7F7F7



787878



# Same Dimension

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



B9AE73



F0DF84



A2B973



5C5A53



9C8300



1C1800



# Inverse Universe

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



737EB9



8495F0



8A73B9



53545C



00189C



00041C



# Previews

## White Background



This preview shows how the Hex color B9AE73 looks on a white background.

## Color Contrast Check

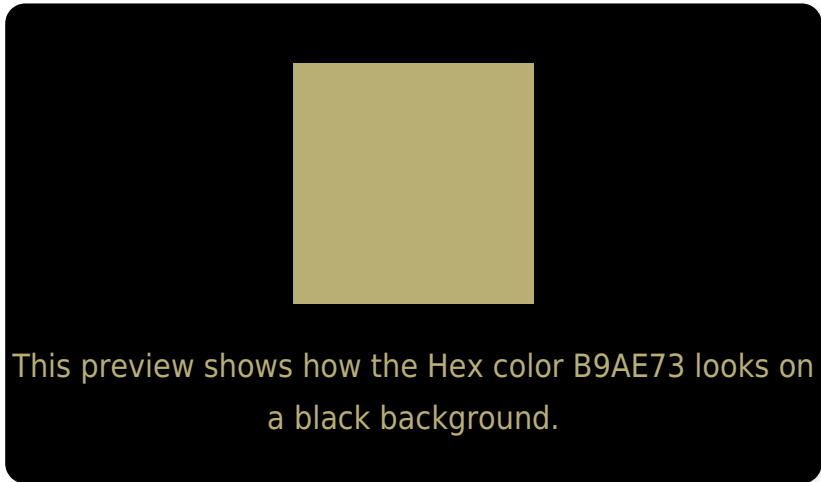
Large Text (above 18pt) WCAG AA × Fail

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

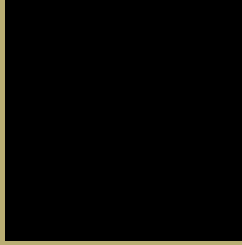
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9AE73 Background



This preview shows how black text looks on a background with the Hex color B9AE73.



This preview shows how white text looks on a background with the Hex color B9AE73.

# 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**  
B9AE73

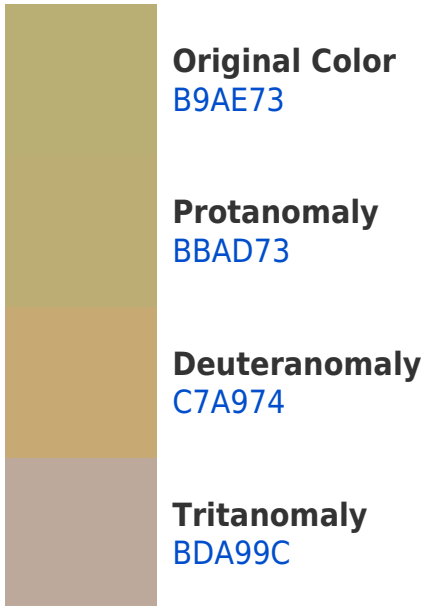
**Protanopia**  
BCAD73

**Deuteranopia**  
CFA675

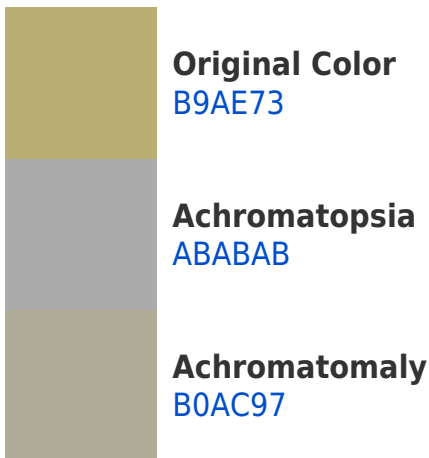


**Tritanopia**  
C0A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9AE73 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 #B9AE73 looks like.

```
.text, #text, p{  
    color:#B9AE73  
}
```

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 #B9AE73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9AE73
}
```

## Border

The CSS property to change the border of an element to Hex B9AE73 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
#B9AE73 }
```

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

```
.border{ border-color:#B9AE73 }
```

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

Here you see how a box with a 4 pixel #B9AE73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9AE73; -webkit-box-shadow:4px 4px  
4px 4px #B9AE73; box-shadow:4px 4px 4px  
4px #B9AE73 }
```

# Background

The CSS property to change the background color of an element to Hex B9AE73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9AE73 }
```

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

```
.background{ background-color:#B9AE73 }
```

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