

# Converting Colors

Hex(B6A973)

Have a look what the booklet for  
Hex(B6A973) contains.

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**Color**

**Hex(B6A973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6A973
RGB	182, 169, 115
RGB Percent	71%, 66%, 45%
CMY	0.2863, 0.3373, 0.5490
CMYK	0.00, 0.07, 0.37, 0.29
HSL	48°, 31%, 58%
HSV	48°, 37%, 71%
XYZ	36.5739, 39.5588, 21.9276
YIQ	166.7310, 25.0820, -14.0380

# Conversions

## Conversions Part 2

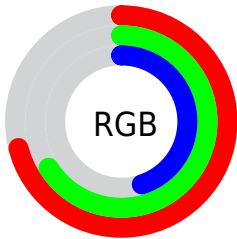
Format	Color
<a href="#">RYB</a>	<a href="#">131, 182, 115</a>
Decimal	<a href="#">11970931</a>
CIELab	<a href="#">69.15, -3.37, 29.59</a>
CIELCh	<a href="#">69, 29.778, 96.494</a>
Yxy	<a href="#">39.5588, 0.3730, 0.4034</a>
Android (android.graphics.Color)	<a href="#">4290161011 (0xFFB6A973)</a>
YUV	<a href="#">166.7310, -25.5034, 13.3909</a>
Hunter-Lab	<a href="#">62.8958, -6.2700, 23.3565</a>

# Details

The Hex color **B6A973** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7380B6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EFE0A7**, and **807542** is the 20% darker color. If you saturate the color by 10%, you get **B6A561**, and if you desaturate by 10%, it is **B6AD85**.

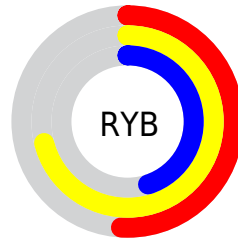
# Distribution



Red (71%)

Green (66%)

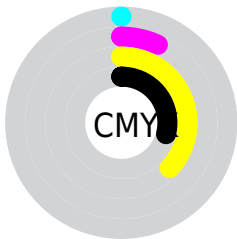
Blue (45%)



Red (51%)

Yellow (71%)

Blue (45%)

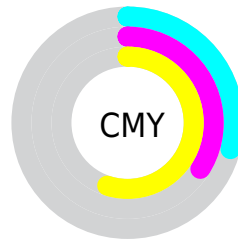


Cyan (0%)

Magenta (7%)

Yellow (37%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A973 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 B6A973 by changing the saturation by 10% instead.



 B6A973

 B6A973

FFFFFF

 9B8F5A

 EFE0A7

 807542

 FFFDC3

 665D2B

 FFFFDF

 4D4514

 FFFFFC

 352F00

 1E1A00

 000000

 B6A973

 B6A973

 B6A561

 B6AD85

 B6A24F


 B6B097

 B69E3C


 B6B4AA

 B69B2A

 B6B7BC

 B69718

 B6BBCE

 B69406

 B6BEE0

 B69300

 B6C2F2

 B6C5FF

 B6C9FF

# Harmonies

## Analogous

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



CEA078



B6A973



99B17D

# Triad

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



B6A973



52B6C8



D098BF

# Complementary

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



B6A973



7380B6

# 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.



B4A0D4



B6A973



68B1DA

# Square

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



B6A973



5DB8AE



8EA9DE



DE95A4

# Rectangle

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



B6A973



84B58A



8EA9DE



C89AC7

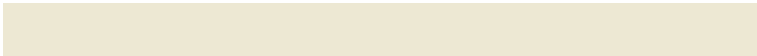


# Sweetspot

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



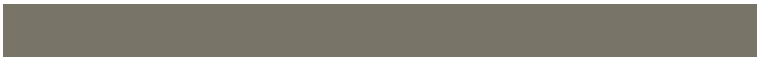
B6A973



EDE8D3



B67380



787568



F7F7F7



787878



# Same Dimension

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



B6A973



EDD985



A2B673



5C5A53



9C7D00



1C1700



# Inverse Universe

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



7380B6



8599ED



8773B6



53545C



001E9C



00051C



# Previews

## White Background



This preview shows how the Hex color B6A973 looks on a white background.

## Color Contrast Check

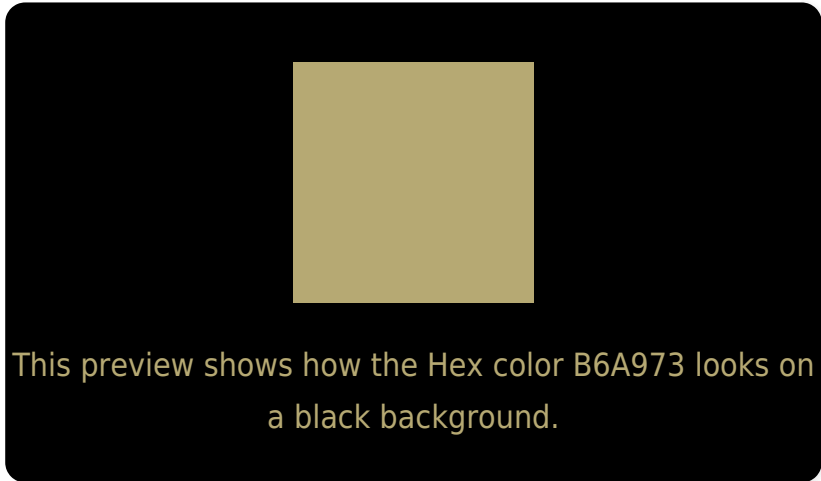
Large Text (above 18pt) WCAG AA × Fail

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

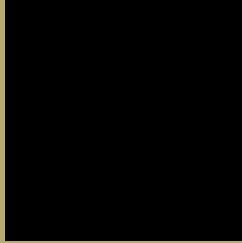
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6A973 Background



This preview shows how black text looks on a background with the Hex color B6A973.



This preview shows how white text looks on a background with the Hex color B6A973.

# 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



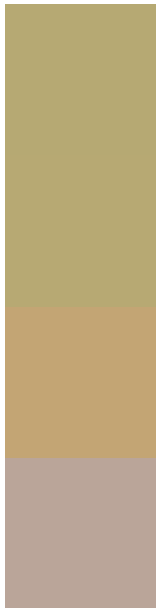
**Original Color**  
B6A973

**Protanopia**  
B7A973

**Deuteranopia**  
CAA275



# Trichromacy



**Original Color**  
B6A973

**Protanomaly**  
B7A973

**Deuteranomaly**  
C3A574

**Tritanomaly**  
BAA599

# Monochromacy



**Original Color**  
B6A973

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ACA894

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A973 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 #B6A973 looks like.

```
.text, #text, p{  
    color:#B6A973  
}
```

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 #B6A973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A973
}
```

## Border

The CSS property to change the border of an element to Hex B6A973 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
#B6A973 }
```

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

```
.border{ border-color:#B6A973 }
```

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

Here you see how a box with a 4 pixel #B6A973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A973; -webkit-box-shadow:4px 4px  
4px 4px #B6A973; box-shadow:4px 4px 4px  
4px #B6A973 }
```

# Background

The CSS property to change the background color of an element to Hex B6A973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A973 }
```

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

```
.background{ background-color:#B6A973 }
```

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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