

# Converting Colors

Hex(B6A176)

Have a look what the booklet for  
Hex(B6A176) contains.

<b>Hex(B6A176)</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(B6A176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6A176
RGB	182, 161, 118
RGB Percent	71%, 63%, 46%
CMY	0.2863, 0.3686, 0.5373
CMYK	0.00, 0.12, 0.35, 0.29
HSL	40°, 30%, 59%
HSV	40°, 35%, 71%
XYZ	35.3063, 36.7428, 22.3708
YIQ	162.3770, 26.3190, -8.9210

# Conversions

## Conversions Part 2

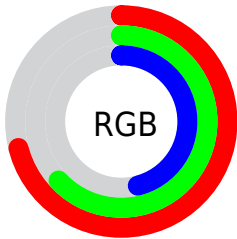
Format	Color
<a href="#">RYB</a>	<a href="#">149, 182, 118</a>
Decimal	<a href="#">11968886</a>
CIELab	<a href="#">67.08, 1.31, 25.23</a>
CIELCh	<a href="#">67, 25.266, 87.038</a>
Yxy	<a href="#">36.7428, 0.3739, 0.3891</a>
Android (android.graphics.Color)	<a href="#">4290158966</a> ( <a href="#">0xFFB6A176</a> )
YUV	<a href="#">162.3770, -21.8779, 17.2094</a>
Hunter-Lab	<a href="#">60.6159, -2.1087, 20.5496</a>

# Details

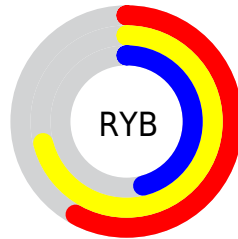
The Hex color **B6A176** is a light color, and the websafe version is hex **999966**. A complement of this color would be **768BB6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EFD8AA**, and **806E45** is the 20% darker color. If you saturate the color by 10%, you get **B69B64**, and if you desaturate by 10%, it is **B6A788**.

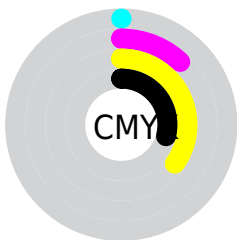
# Distribution



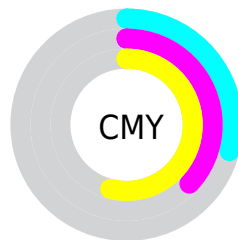
- Red (71%)
- Green (63%)
- Blue (46%)



- Red (58%)
- Yellow (71%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A176 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 B6A176 by changing the saturation by 10% instead.



 B6A176

 B6A176

FFFFFF

 9B875D

 EFD8AA

 806E45

 FFF4C6

 66552E

 FFFFE2

 4D3E18

 362800

 1E1400


 000000

 B6A176

 B6A176

 B69B64

 B6A788

 B69552

 B6AD9A

 B68F3F

 B6B3AD

 B6892D

 B6B9BF

 B6831B

 B6BFD1

 B67D09

 B6C5E3

 B67A00

 B6CBF5

 B6D1FF

 B6D7FF

# Harmonies

## Analogous

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



C8997E



B6A176



9EA87A

# Triad

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



B6A176



5FB0B7



BE97BC

# Complementary

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



B6A176



768BB6

# 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.



A49ECC



B6A176



68ACC9

# Square

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



B6A176



6CB0A0



84A6D0



CE93A6

# Rectangle

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



B6A176



8DAC84



84A6D0



B799C2



# Sweetspot

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



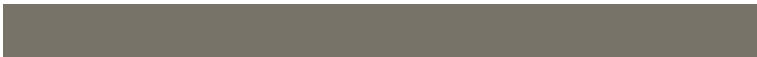
B6A176



EDE5D3



B6768B



787368



F7F7F7



787878



# Same Dimension

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



B6A176



EDCC8A



ABB676



5C5953



9C6900



1C1300



# Inverse Universe

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



768BB6



8AAAED



8176B6



53565C



00339C



00091C



# Previews

## White Background



This preview shows how the Hex color B6A176 looks on a white background.

## Color Contrast Check

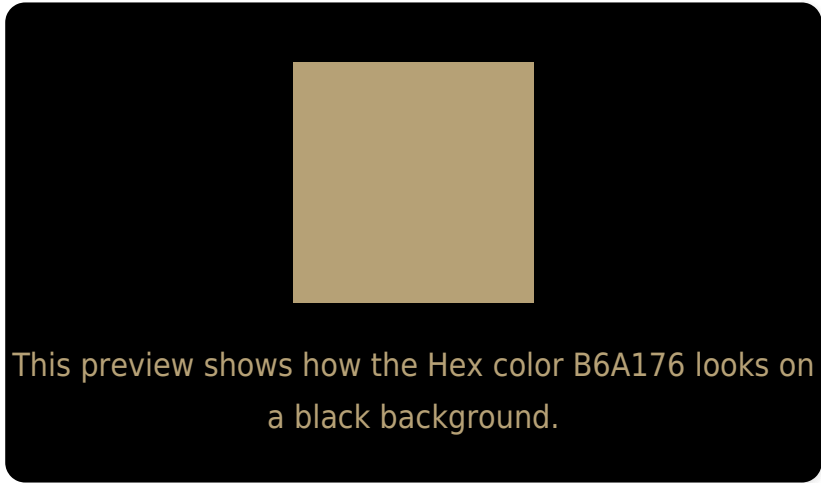
Large Text (above 18pt) WCAG AA × Fail

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

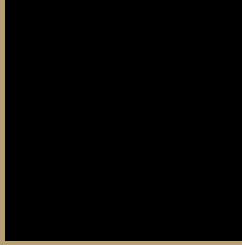
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6A176 Background



This preview shows how black text looks on a background with the Hex color B6A176.



This preview shows how white text looks on a background with the Hex color B6A176.

# 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**  
B6A176

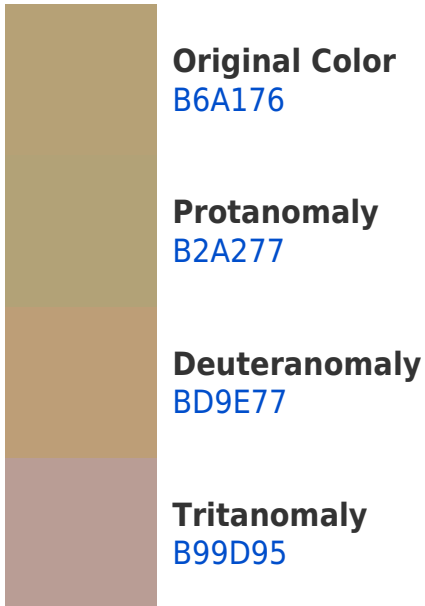
**Protanopia**  
B0A377

**Deuteranopia**  
C19D77

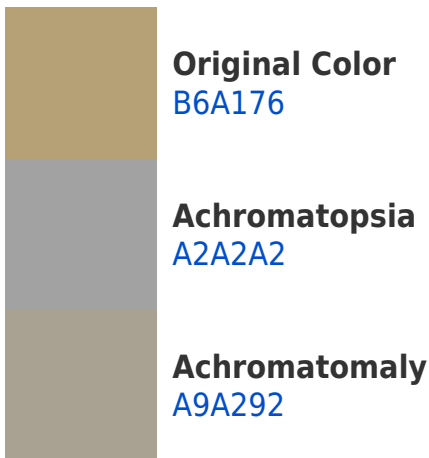


**Tritanopia**  
BB9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A176 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 #B6A176 looks like.

```
.text, #text, p{  
    color:#B6A176  
}
```

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 #B6A176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A176
}
```

## Border

The CSS property to change the border of an element to Hex B6A176 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
#B6A176 }
```

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

```
.border{ border-color:#B6A176 }
```

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

Here you see how a box with a 4 pixel #B6A176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A176; -webkit-box-shadow:4px 4px  
4px 4px #B6A176; box-shadow:4px 4px 4px  
4px #B6A176 }
```

# Background

The CSS property to change the background color of an element to Hex B6A176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A176 }
```

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

```
.background{ background-color:#B6A176 }
```

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