

# Converting Colors

Hex(B6A665)

Have a look what the booklet for  
Hex(B6A665) contains.

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# **Color**

**Hex(B6A665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6A665
RGB	182, 166, 101
RGB Percent	71%, 65%, 40%
CMY	0.2863, 0.3490, 0.6039
CMYK	0.00, 0.09, 0.45, 0.29
HSL	48°, 36%, 55%
HSV	48°, 45%, 71%
XYZ	35.2766, 38.1571, 17.8177
YIQ	163.3740, 30.4010, -16.8230

# Conversions

## Conversions Part 2

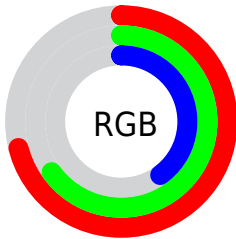
Format	Color
R <sub>Y</sub> B	121, 182, 101
Decimal	11970149
CIE Lab	68.14, -3.33, 35.67
CIE LCh	68, 35.824, 95.337
Yxy	38.1571, 0.3866, 0.4182
Android (android.graphics.Color)	4290160229 (0xFFB6A665)
YUV	163.3740, -30.7504, 16.3350
Hunter-Lab	61.7714, -6.1618, 26.1381

# Details

The Hex color **B6A665** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6575B6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EFDD99**, and **7F7234** is the 20% darker color. If you saturate the color by 10%, you get **B6A253**, and if you desaturate by 10%, it is **B6AA77**.

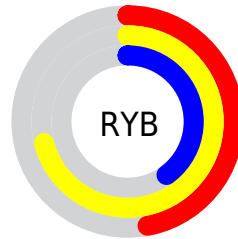
# Distribution



Red (71%)

Green (65%)

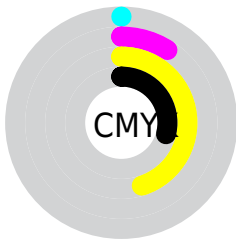
Blue (40%)



Red (47%)

Yellow (71%)

Blue (40%)

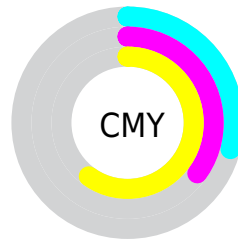


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A665 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 B6A665 by changing the saturation by 10% instead.



 B6A665

 B6A665

FFFFFF

 9A8C4C

 EFDD99

 7F7234

 FFF9B4

 655A1D

 FFFFD0

 4C4303

 FFFFEC

 342D00

 1B1800

 000000

 B6A665

 B6A665

 B6A253


 B6AA77

 B69F41

 B6AD89

 B69B2E


 B6B19C

 B6981C

 B6B4AE

 B6940A

 B6B8C0

 B69200

 B6BCD2

 B6BFE4

 B6C3F7

 B6C6FF

# Harmonies

## Analogous

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



D29B6C



B6A665



93AF70

# Triad

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



B6A665



24B6CA



D491C2

# Complementary

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



B6A665



6575B6

# 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.



B29CDB



B6A665



4AB1E0

# Square

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



B6A665



41B8AB



81A7E6



E48DA1

# Rectangle

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



B6A665



7AB480



81A7E6



CA94CB



# Sweetspot

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



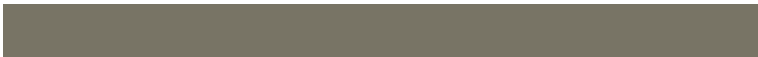
B6A665



EDE7CE



B66575



787465



F7F7F7



787878



# Same Dimension

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



B6A665



EDD46F



9EB665



5C5A53



9C7D00



1C1700



# Inverse Universe

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



6575B6



6F88ED



7D65B6



53545C



001F9C



00061C



# Previews

## White Background



This preview shows how the Hex color B6A665 looks on a white background.

## Color Contrast Check

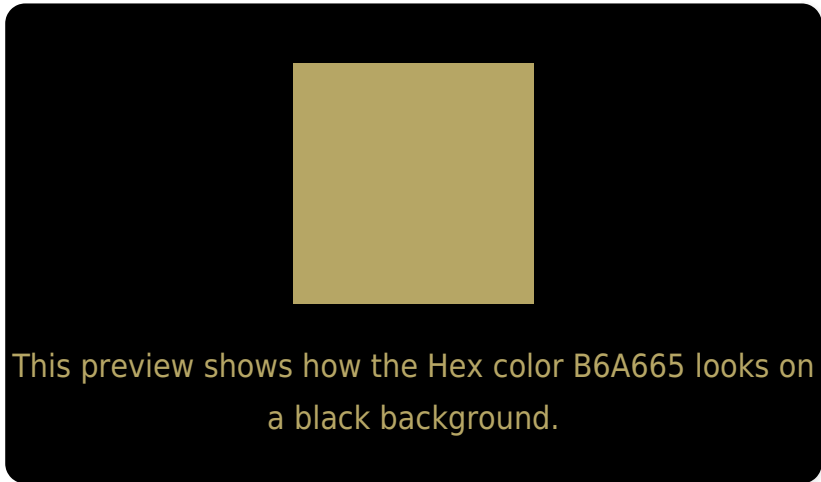
Large Text (above 18pt) WCAG AA × Fail

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

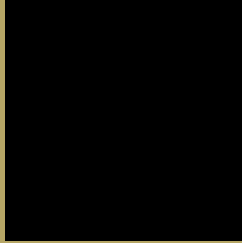
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6A665 Background



This preview shows how black text looks on a background with the Hex color B6A665.



This preview shows how white text looks on a background with the Hex color B6A665.

# 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**  
B6A665

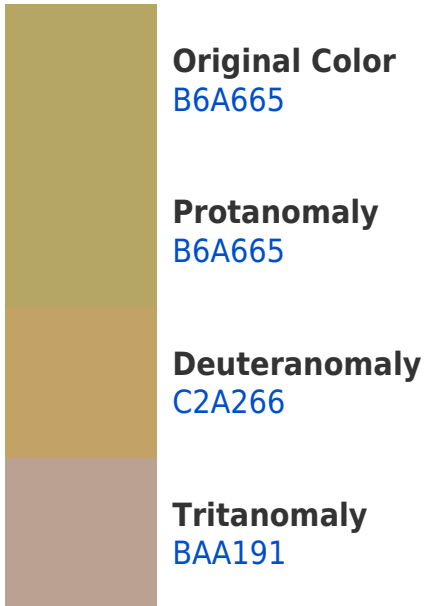
**Protanopia**  
B6A665

**Deuteranopia**  
C99F67

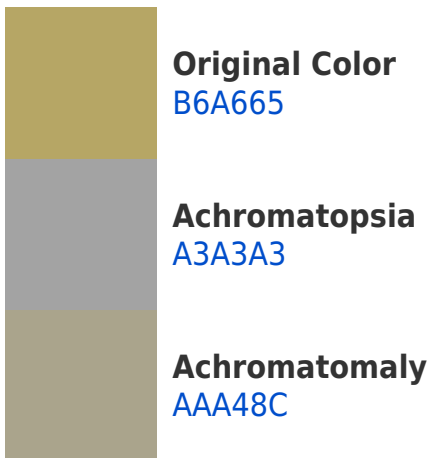


**Tritanopia**  
BD9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A665 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 #B6A665 looks like.

```
.text, #text, p{  
    color:#B6A665  
}
```

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 #B6A665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A665
}
```

## Border

The CSS property to change the border of an element to Hex B6A665 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
#B6A665 }
```

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

```
.border{ border-color:#B6A665 }
```

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

Here you see how a box with a 4 pixel #B6A665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A665; -webkit-box-shadow:4px 4px  
4px 4px #B6A665; box-shadow:4px 4px 4px  
4px #B6A665 }
```

# Background

The CSS property to change the background color of an element to Hex B6A665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A665 }
```

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

```
.background{ background-color:#B6A665 }
```

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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