

# Converting Colors

Hex(B69657)

Have a look what the booklet for  
Hex(B69657) contains.

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**Color**

**Hex(B69657)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B69657                      |
| RGB         | 182, 150, 87                |
| RGB Percent | 71%, 59%, 34%               |
| CMY         | 0.2863, 0.4118, 0.6588      |
| CMYK        | 0.00, 0.18, 0.52, 0.29      |
| HSL         | 40°, 39%, 53%               |
| HSV         | 40°, 52%, 71%               |
| XYZ         | 31.9180, 32.4459, 13.5972   |
| YIQ         | 152.3860, 39.2950, -12.8090 |

# Conversions

## Conversions Part 2

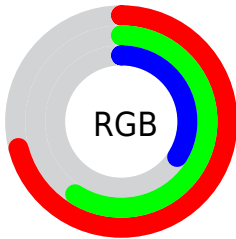
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">135, 182, 87</a>                                 |
| Decimal                             | <a href="#">11966039</a>                                     |
| CIELab                              | <a href="#">63.71, 3.96, 37.46</a>                           |
| CIELCh                              | <a href="#">64, 37.672, 83.963</a>                           |
| Yxy                                 | <a href="#">32.4459, 0.4094, 0.4162</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290156119</a><br>( <a href="#">0xFFB69657</a> ) |
| YUV                                 | <a href="#">152.3860, -32.2353, 25.9715</a>                  |
| Hunter-Lab                          | <a href="#">56.9613, 0.3395, 25.7198</a>                     |

# Details

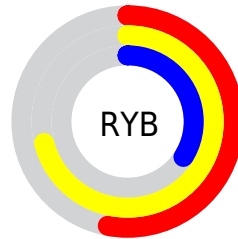
The Hex color **B69657** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5777B6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F0CC8A**, and **7F6327** is the 20% darker color. If you saturate the color by 10%, you get **B69045**, and if you desaturate by 10%, it is **B69C69**.

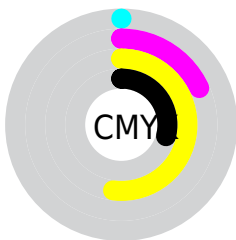
# Distribution



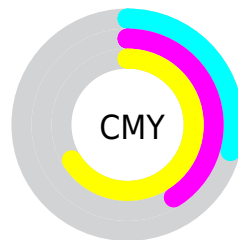
- Red (71%)
- Green (59%)
- Blue (34%)



- Red (53%)
- Yellow (71%)
- Blue (34%)



- Cyan (0%)
- Magenta (18%)
- Yellow (52%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B69657 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 B69657 by changing the saturation by 10% instead.





B69657



B69657

FFFFFF



9A7C3F



F0CC8A



7F6327



FFE8A5



644C0E



FFFFC0



4B3500



FFFFDC



312000



FFFFFF9



190A00



000000



B69657



B69657



B69045



B69C69

 B68A33

 B6A27B

 B68420

 B6A88E

 B67D0E

 B6AFA0

 B67900

 B6B5B2

 B6BBC4

 B6C1D6

 B6C7E9

 B6CDFB

# Harmonies

## Analogous

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



CF8A65



B69657



95A15C

# Triad

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



B69657



00ACB4



BE88C2

# Complementary

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



B69657



5777B6

# 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.



9494D8



B69657



00A8D0

# Square

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



B69657



3DAC92



5AA0DD



D680A3

# Rectangle

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



B69657



7BA669



5AA0DD



B28CCB



# Sweetspot

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



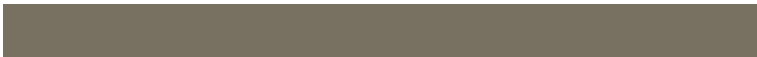
B69657



EDE0C7



B65778



787061



F7F7F7



787878



# Same Dimension

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



B69657



EDBB58



A8B657



5C5953



9C6700



1C1300



# Inverse Universe

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



5777B6



588AED



6557B6



53565C



00349C



00091C



# Previews

## White Background



This preview shows how the Hex color B69657 looks on a white background.

## Color Contrast Check

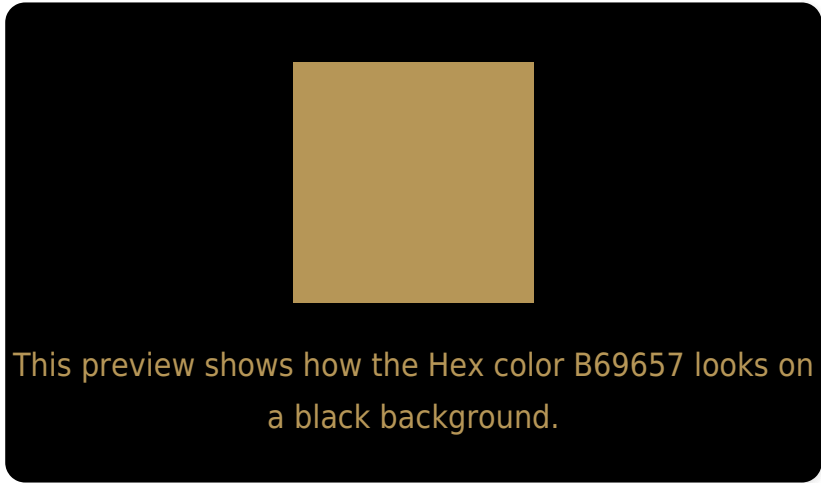
Large Text (above 18pt) WCAG AA × Fail

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 B69657 Background



This preview shows how black text looks on a background with the Hex color B69657.

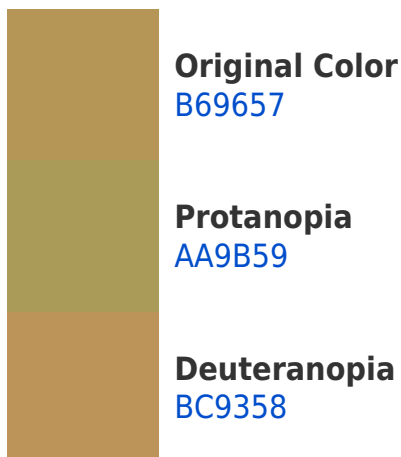


This preview shows how white text looks on a background with the Hex color B69657.

# 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](#).

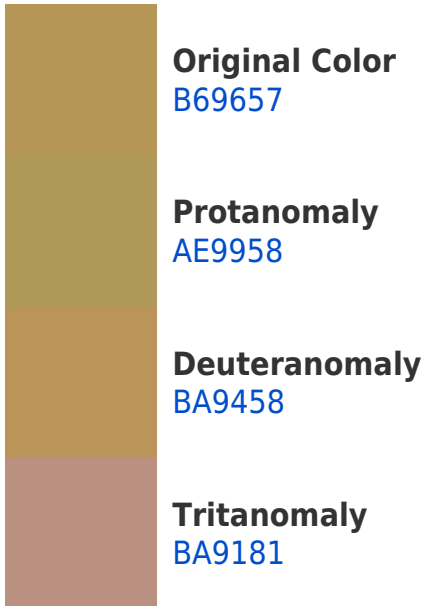
## Dichromacy



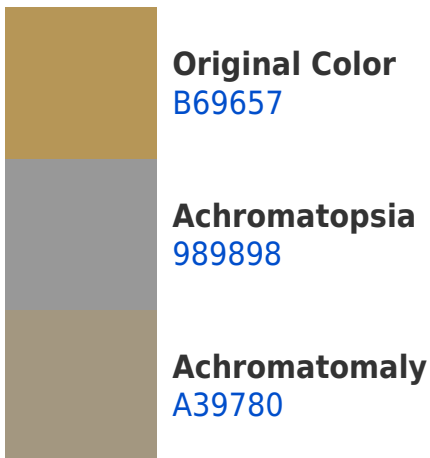


**Tritanopia**  
BC8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B69657 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 #B69657 looks like.

```
.text, #text, p{  
    color:#B69657  
}
```

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 #B69657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B69657
}
```

## Border

The CSS property to change the border of an element to Hex B69657 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
#B69657 }
```

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

```
.border{ border-color:#B69657 }
```

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

Here you see how a box with a 4 pixel #B69657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B69657; -webkit-box-shadow:4px 4px  
4px 4px #B69657; box-shadow:4px 4px 4px  
4px #B69657 }
```

# Background

The CSS property to change the background color of an element to Hex B69657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B69657 }
```

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

```
.background{ background-color:#B69657 }
```

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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