

# Converting Colors

Hex(B69446)

Have a look what the booklet for  
Hex(B69446) contains.

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**Color**

**Hex(B69446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B69446
RGB	182, 148, 70
RGB Percent	71%, 58%, 27%
CMY	0.2863, 0.4196, 0.7255
CMYK	0.00, 0.19, 0.62, 0.29
HSL	42°, 44%, 49%
HSV	42°, 62%, 71%
XYZ	30.9868, 31.5671, 10.2542
YIQ	149.2740, 45.3020, -17.0500

# Conversions

## Conversions Part 2

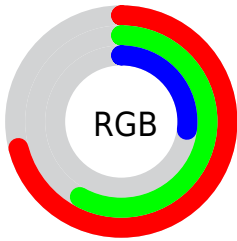
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 182, 70
Decimal	11965510
CIELab	62.98, 3.68, 45.18
CIELCh	63, 45.334, 85.345
Yxy	31.5671, 0.4256, 0.4336
Android (android.graphics.Color)	4290155590 (0xFFB69446)
YUV	149.2740, -39.0821, 28.7007
Hunter-Lab	56.1846, 0.1229, 28.5082

# Details

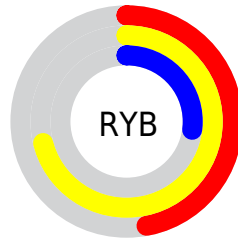
The Hex color **B69446** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4668B6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F0CA79**, and **7E6213** is the 20% darker color. If you saturate the color by 10%, you get **B68E34**, and if you desaturate by 10%, it is **B69A58**.

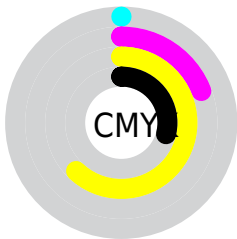
# Distribution



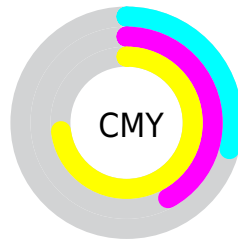
- Red (71%)
- Green (58%)
- Blue (27%)



- Red (47%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (62%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B69446 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 B69446 by changing the saturation by 10% instead.



 B69446

 B69446

FFFFFF

 9A7A2D

 F0CA79

 7E6213

 FFE694

 634A00

 FFFF4F

 493400

 FFFF00

 2F1F00

 FFFF00

 160800

 000000

 B69446

 B69446

 B68E34

 B69A58

 B68922

 B69F6A

 B6830F

 B6A57D

 B67F00

 B6AA8F

 B6B0A1

 B6B5B3

 B6BBC5

 B6C0D8

 B6C6EA

# Harmonies

## Analogous

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



D48557



B69446



8EA04D

# Triad

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



B69446



00ADBA



C481C7

# Complementary

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



B69446



4668B6

# 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.



9290E1



B69446



00A8DA

# Square

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



B69446



00AD91



409FE8



E077A0

# Rectangle

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



B69446



6FA65E



409FE8



B686D1

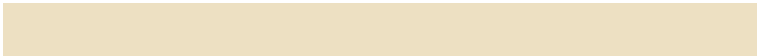


# Sweetspot

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



B69446



EDE0C2



B64669



78705D



F7F7F7



787878



# Same Dimension

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



B69446



EDB83E



A1B646



5C5953



9C6C00



1C1400



# Inverse Universe

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



4668B6



3E73ED



5B46B6



53555C



002F9C



00091C



# Previews

## White Background



This preview shows how the Hex color B69446 looks on a white background.

## Color Contrast Check

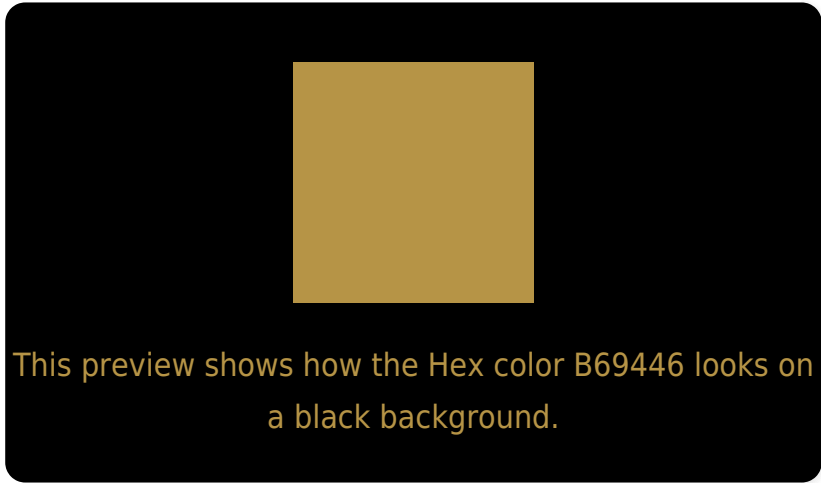
Large Text (above 18pt) WCAG AA × Fail

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

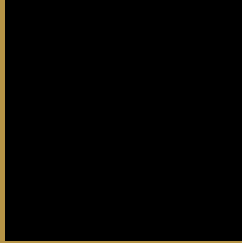
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B69446 Background



This preview shows how black text looks on a background with the Hex color B69446.



This preview shows how white text looks on a background with the Hex color B69446.

# 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**  
B69446

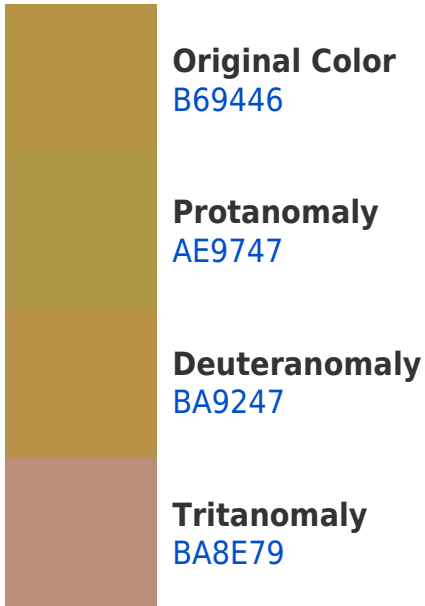
**Protanopia**  
A99947

**Deuteranopia**  
BD9147

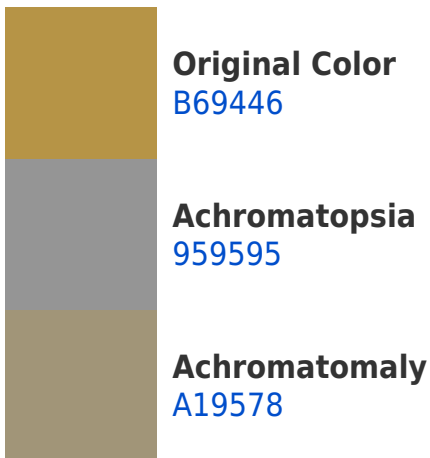


**Tritanopia**  
BD8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B69446 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 #B69446 looks like.

```
.text, #text, p{  
    color:#B69446  
}
```

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 #B69446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B69446
}
```

## Border

The CSS property to change the border of an element to Hex B69446 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
#B69446 }
```

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

```
.border{ border-color:#B69446 }
```

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

Here you see how a box with a 4 pixel #B69446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B69446; -webkit-box-shadow:4px 4px  
4px 4px #B69446; box-shadow:4px 4px 4px  
4px #B69446 }
```

# Background

The CSS property to change the background color of an element to Hex B69446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B69446 }
```

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

```
.background{ background-color:#B69446 }
```

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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