

# Converting Colors

Hex(B79C67)

Have a look what the booklet for  
Hex(B79C67) contains.

<b>Hex(B79C67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B79C67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79C67
RGB	183, 156, 103
RGB Percent	72%, 61%, 40%
CMY	0.2824, 0.3882, 0.5961
CMYK	0.00, 0.15, 0.44, 0.28
HSL	40°, 36%, 56%
HSV	40°, 44%, 72%
XYZ	33.8651, 34.8235, 17.7687
YIQ	158.0310, 33.1050, -10.7590

# Conversions

## Conversions Part 2

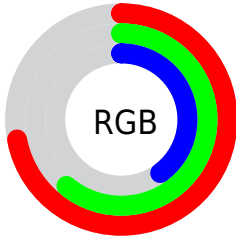
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 183, 103</a>
Decimal	<a href="#">12033127</a>
CIELab	<a href="#">65.61, 2.69, 31.41</a>
CIElCh	<a href="#">66, 31.530, 85.098</a>
Yxy	<a href="#">34.8235, 0.3917, 0.4028</a>
Android (android.graphics.Color)	<a href="#">4290223207 (0xFFB79C67)</a>
YUV	<a href="#">158.0310, -27.1303, 21.8978</a>
Hunter-Lab	<a href="#">59.0114, -0.8336, 23.4554</a>

# Details

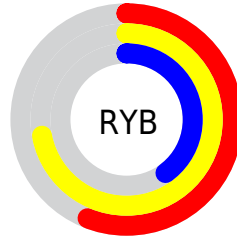
The Hex color **B79C67** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6782B7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F0D29B**, and **806937** is the 20% darker color. If you saturate the color by 10%, you get **B79655**, and if you desaturate by 10%, it is **B7A279**.

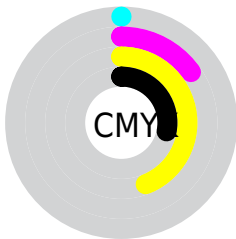
# Distribution



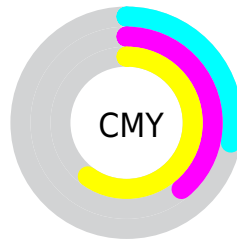
- Red (72%)
- Green (61%)
- Blue (40%)



- Red (56%)
- Yellow (72%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (39%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79C67 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 B79C67 by changing the saturation by 10% instead.





B79C67



B79C67

FFFFFF



9B824E



F0D29B



806937



FFEFB6



665120



FFFFD2



4D3A08



FFFEE



352500



1C1000



000000



B79C67



B79C67



B79655



B7A279

 B79042

 B7A88C

 B78930

 B7AF9E

 B7831E

 B7B5B0

 B77D0B

 B7BBC3

 B77900

 B7C1D5

 B7C7E7

 B7CDF9

 B7D4FF

# Harmonies

## Analogous

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



CD9272



B79C67



9AA56B

# Triad

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



B79C67



3EAEB6



BF90C0

# Complementary

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



B79C67



6782B7

# 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.



9D9AD2



B79C67



49ABCD

# Square

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



B79C67



57AE9A



72A3D7



D38AA5

# Rectangle

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



B79C67



85A977



72A3D7



B593C7

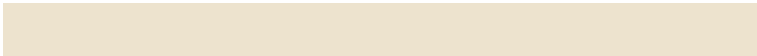


# Sweetspot

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



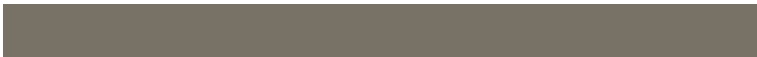
B79C67



EDE3CE



B76783



787165



F7F7F7



787878



# Same Dimension

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



B79C67



EDC472



ABB767



5C5953



9C6700



1C1300



# Inverse Universe

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



6782B7



729BED



7367B7



53565C



00349C

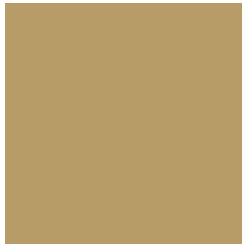


00091C



# Previews

## White Background



This preview shows how the Hex color B79C67 looks on a white background.

## Color Contrast Check

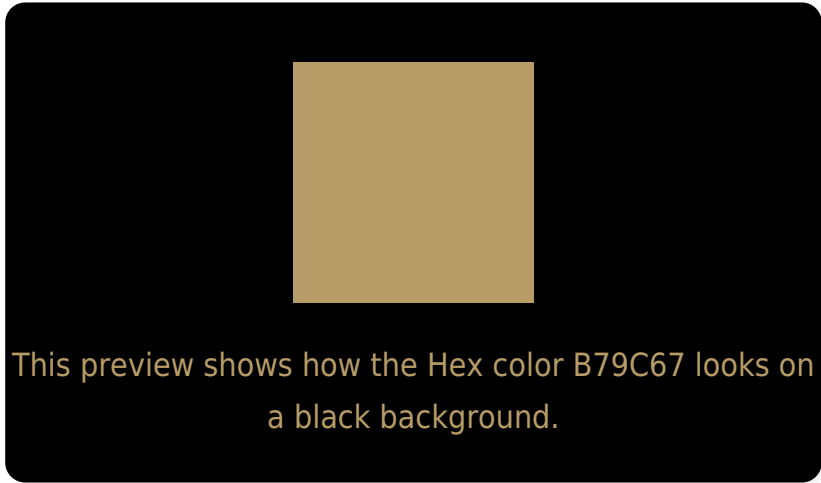
Large Text (above 18pt) WCAG AA × Fail

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

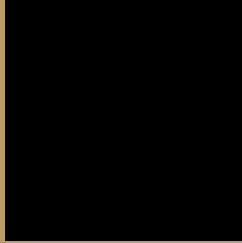
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B79C67 Background



This preview shows how black text looks on a background with the Hex color B79C67.



This preview shows how white text looks on a background with the Hex color B79C67.

# 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**  
B79C67

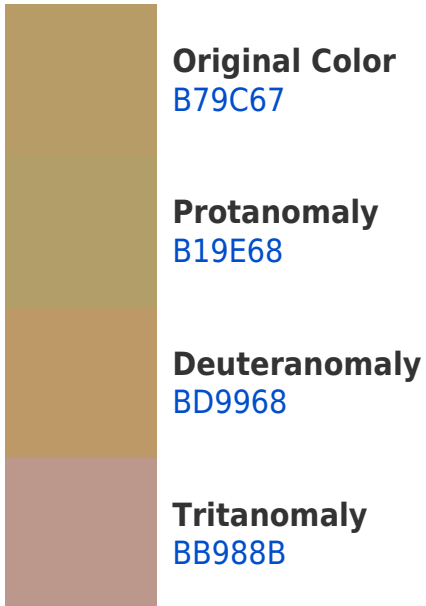
**Protanopia**  
AD9F68

**Deuteranopia**  
C09868

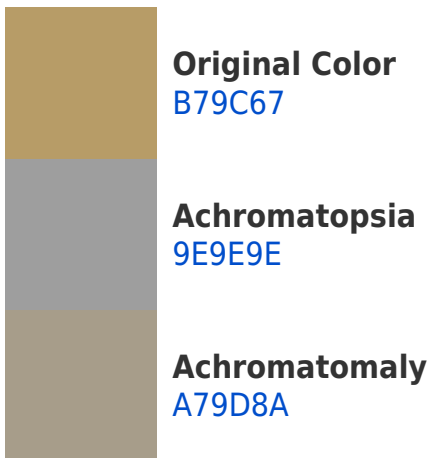


**Tritanopia**  
BD95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79C67 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 #B79C67 looks like.

```
.text, #text, p{  
    color:#B79C67  
}
```

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 #B79C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79C67  
}
```

## Border

The CSS property to change the border of an element to Hex B79C67 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  
#B79C67 }
```

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

```
.border{ border-color:#B79C67 }
```

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

Here you see how a box with a 4 pixel #B79C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79C67; -webkit-box-shadow:4px 4px  
4px 4px #B79C67; box-shadow:4px 4px 4px  
4px #B79C67 }
```

# Background

The CSS property to change the background color of an element to Hex B79C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79C67 }
```

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

```
.background{ background-color:#B79C67 }
```

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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