

# Converting Colors

Hex(B79B72)

Have a look what the booklet for  
Hex(B79B72) contains.

<b>Hex(B79B72)</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(B79B72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79B72
RGB	183, 155, 114
RGB Percent	72%, 61%, 45%
CMY	0.2824, 0.3922, 0.5529
CMYK	0.00, 0.15, 0.38, 0.28
HSL	36°, 32%, 58%
HSV	36°, 38%, 72%
XYZ	34.2870, 34.7249, 20.8150
YIQ	158.6980, 29.8490, -6.8150

# Conversions

## Conversions Part 2

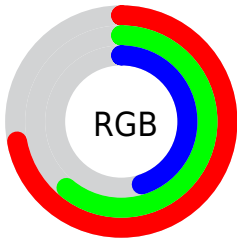
Format	Color
<a href="#">RYB</a>	<a href="#">161, 183, 114</a>
Decimal	<a href="#">12032882</a>
CIELab	<a href="#">65.53, 4.49, 25.36</a>
CIELCh	<a href="#">66, 25.757, 79.954</a>
Yxy	<a href="#">34.7249, 0.3817, 0.3866</a>
Android (android.graphics.Color)	<a href="#">4290222962</a> ( <a href="#">0xFFB79B72</a> )
YUV	<a href="#">158.6980, -22.0361, 21.3129</a>
Hunter-Lab	<a href="#">58.9278, 0.7362, 20.3065</a>

# Details

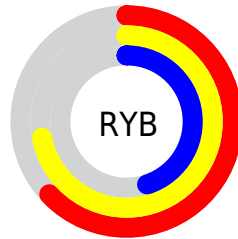
The Hex color **B79B72** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **728EB7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F0D1A6**, and **816841** is the 20% darker color. If you saturate the color by 10%, you get **B79460**, and if you desaturate by 10%, it is **B7A284**.

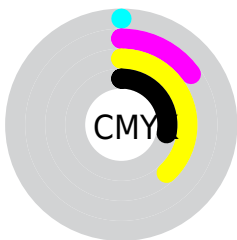
# Distribution



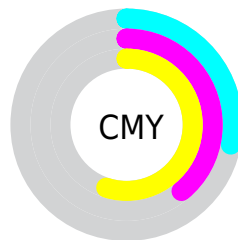
- Red (72%)
- Green (61%)
- Blue (45%)



- Red (63%)
- Yellow (72%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (28%)



- Cyan (28%)
- Magenta (39%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79B72 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 B79B72 by changing the saturation by 10% instead.





B79B72



B79B72

FFFFFF



9B8159



F0D1A6



816841



FFEEC1



67502B



FFFFDD



4D3915



FFFFFFA



362400



1E0F00



000000



B79B72



B79B72



B79460



B7A284

 B78C4D

 B7AA97

 B7853B

 B7B1A9

 B77D29

 B7B9BB

 B77617

 B7C0CE

 B76E04

 B7C8E0

 B76D00

 B7CFF2

 B7D6FF

 B7DEFF

# Harmonies

## Analogous

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



C8947D



B79B72



A0A373

# Triad

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



B79B72



5BACAE



B594BD

# Complementary

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



B79B72



728EB7

# 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.



989CCA



B79B72



5EA9C2

# Square

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



B79B72



6CAC96



77A4CC



C88FA8

# Rectangle

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



B79B72



8EA77B



77A4CC



AC97C3

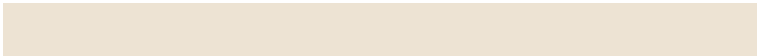


# Sweetspot

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



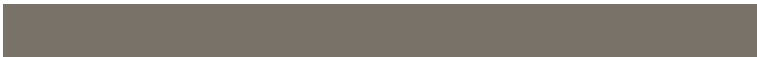
B79B72



EDE3D3



B7728F



787268



F7F7F7



787878



# Same Dimension

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



B79B72



EDC282



B1B772



5C5853



9C5C00



1C1100



# Inverse Universe

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



728EB7



82AEED



7872B7



53565C



003F9C

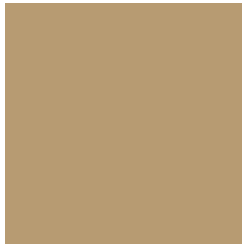


000B1C



# Previews

## White Background



This preview shows how the Hex color B79B72 looks on a white background.

## Color Contrast Check

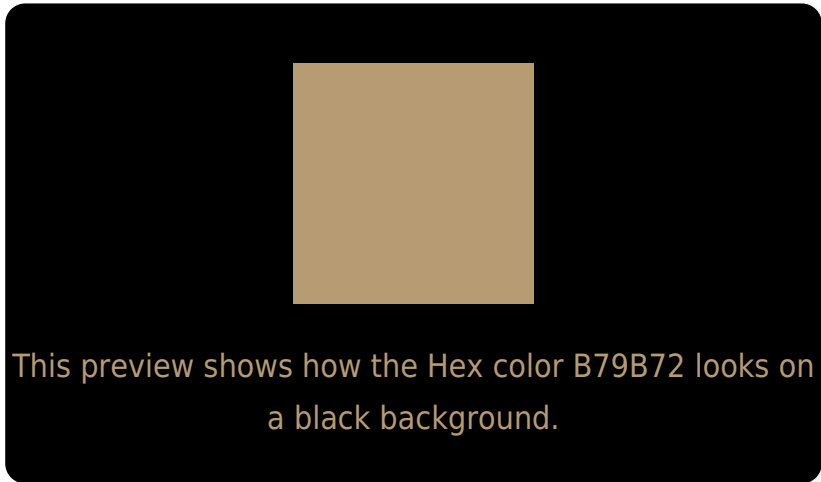
Large Text (above 18pt) WCAG AA × Fail

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 B79B72 Background



This preview shows how black text looks on a background with the Hex color B79B72.



This preview shows how white text looks on a background with the Hex color B79B72.

# 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**  
B79B72

**Protanopia**  
AB9F74

**Deuteranopia**  
BD9972



**Tritanopia**  
BC95A0

# Trichromacy



**Original Color**  
B79B72

**Protanomaly**  
AF9E73

**Deuteranomaly**  
BB9A72

**Tritanomaly**  
BA978F

# Monochromacy



**Original Color**  
B79B72

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A89E8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79B72 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 #B79B72 looks like.

```
.text, #text, p{  
    color:#B79B72  
}
```

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 #B79B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79B72
}
```

## Border

The CSS property to change the border of an element to Hex B79B72 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
#B79B72 }
```

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

```
.border{ border-color:#B79B72 }
```

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

Here you see how a box with a 4 pixel #B79B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79B72; -webkit-box-shadow:4px 4px  
4px 4px #B79B72; box-shadow:4px 4px 4px  
4px #B79B72 }
```

# Background

The CSS property to change the background color of an element to Hex B79B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79B72 }
```

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

```
.background{ background-color:#B79B72 }
```

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