

# Converting Colors

Hex(B79E4C)

Have a look what the booklet for  
Hex(B79E4C) contains.

<b>Hex(B79E4C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B79E4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79E4C
RGB	183, 158, 76
RGB Percent	72%, 62%, 30%
CMY	0.2824, 0.3804, 0.7020
CMYK	0.00, 0.14, 0.58, 0.28
HSL	46°, 43%, 51%
HSV	46°, 58%, 72%
XYZ	33.0598, 35.0428, 11.8590
YIQ	156.1270, 41.2220, -20.2020

# Conversions

## Conversions Part 2

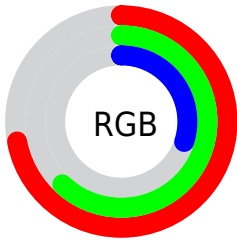
Format	Color
<a href="#">RYB</a>	<a href="#">109, 183, 76</a>
Decimal	<a href="#">12033612</a>
CIELab	<a href="#">65.78, -0.87, 45.49</a>
CIELCh	<a href="#">66, 45.500, 91.102</a>
Yxy	<a href="#">35.0428, 0.4134, 0.4382</a>
Android (android.graphics.Color)	<a href="#">4290223692</a> ( <a href="#">0xFFB79E4C</a> )
YUV	<a href="#">156.1270, -39.5026, 23.5676</a>
Hunter-Lab	<a href="#">59.1970, -3.9075, 29.5603</a>

# Details

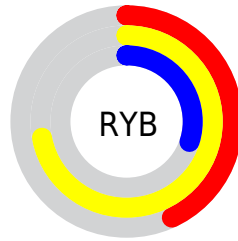
The Hex color **B79E4C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C65B7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F1D47F**, and **7F6B19** is the 20% darker color. If you saturate the color by 10%, you get **B79A3A**, and if you desaturate by 10%, it is **B7A25E**.

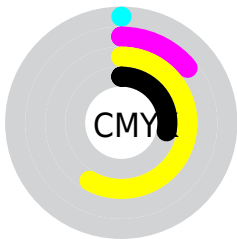
# Distribution



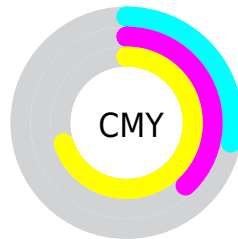
- Red (72%)
- Green (62%)
- Blue (30%)



- Red (43%)
- Yellow (72%)
- Blue (30%)



- Cyan (0%)
- Magenta (14%)
- Yellow (58%)
- Black (28%)



- Cyan (28%)
- Magenta (38%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79E4C 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 B79E4C by changing the saturation by 10% instead.



 B79E4C

 B79E4C

FFFFFF

 9B8433

 F1D47F

 7F6B19

 FFF19A

 645300

 FFFFB6

 4B3C00

 FFFFD2

 312700

 FFFFEE

 181300

 000000

 B79E4C

 B79E4C

 B79A3A

 B7A25E

 B79527

 B7A771

 B79115

 B7AB83

 B78D03

 B7AF95

 B78C00

 B7B3A8

 B7B8BA

 B7BCCC

 B7C0DE

 B7C4F1

# Harmonies

## Analogous

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



D88F59



B79E4C



8DAA58

# Triad

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



B79E4C



00B4C9



D486C8

# Complementary

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



B79E4C



4C65B7

# 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.



A595E6



B79E4C



00AEE6

# Square

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



B79E4C



00B5A0



5DA4F1



EB7EA0

# Rectangle

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



B79E4C



6CAF6B



5DA4F1



C78AD3

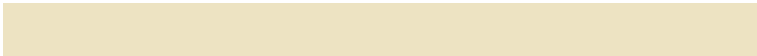


# Sweetspot

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



B79E4C



EDE3C2



B74C67



78725D



F7F7F7



787878



# Same Dimension

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



B79E4C



EDC647



9CB74C



5C5A53



9C7700



1C1500



# Inverse Universe

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



4C65B7



476EED



674CB7



53555C



00249C

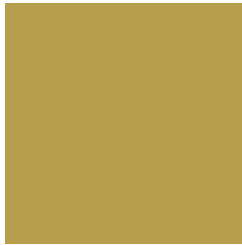


00071C



# Previews

## White Background



This preview shows how the Hex color B79E4C looks on a white background.

## Color Contrast Check

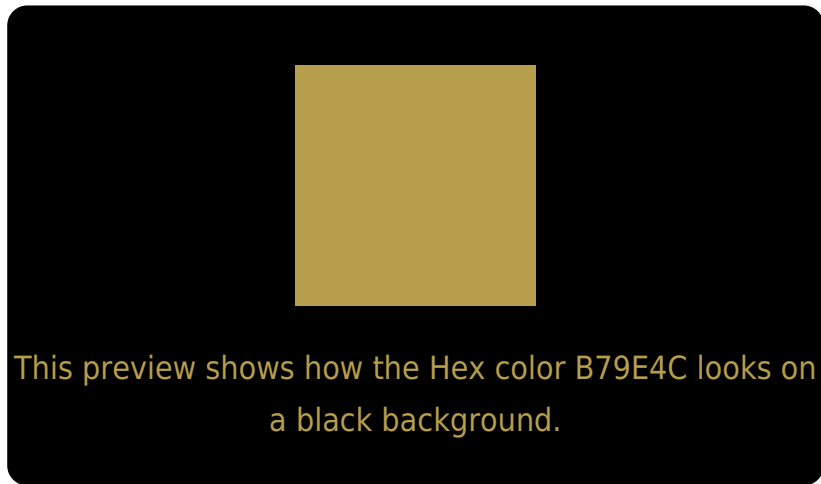
Large Text (above 18pt) WCAG AA × Fail

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 B79E4C Background



This preview shows how black text looks on a background with the Hex color B79E4C.

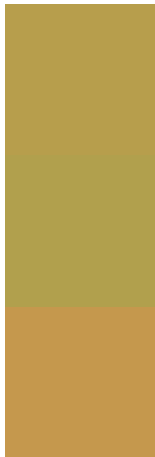


This preview shows how white text looks on a background with the Hex color B79E4C.

# 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**  
B79E4C

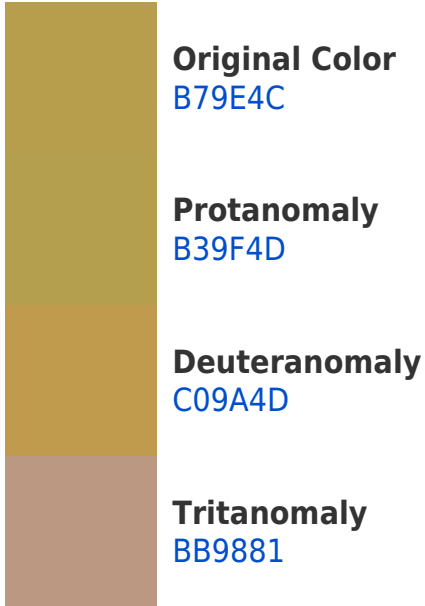
**Protanopia**  
B1A04D

**Deuteranopia**  
C5984D



**Tritanopia**  
BE95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79E4C 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 #B79E4C looks like.

```
.text, #text, p{  
    color:#B79E4C  
}
```

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 #B79E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79E4C
}
```

## Border

The CSS property to change the border of an element to Hex B79E4C 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
#B79E4C }
```

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

```
.border{ border-color:#B79E4C }
```

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

Here you see how a box with a 4 pixel #B79E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79E4C; -webkit-box-shadow:4px 4px  
4px 4px #B79E4C; box-shadow:4px 4px 4px  
4px #B79E4C }
```

# Background

The CSS property to change the background color of an element to Hex B79E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79E4C }
```

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

```
.background{ background-color:#B79E4C }
```

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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