

# Converting Colors

Hex(B99C4E)

Have a look what the booklet for  
Hex(B99C4E) contains.

<b>Hex(B99C4E)</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(B99C4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99C4E
RGB	185, 156, 78
RGB Percent	73%, 61%, 31%
CMY	0.2745, 0.3882, 0.6941
CMYK	0.00, 0.16, 0.58, 0.27
HSL	44°, 43%, 52%
HSV	44°, 58%, 73%
XYZ	33.2712, 34.6413, 12.1406
YIQ	155.7790, 42.3220, -18.1100

# Conversions

## Conversions Part 2

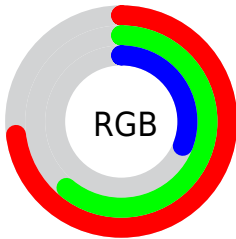
Format	Color
<a href="#">RYB</a>	<a href="#">118, 185, 78</a>
Decimal	<a href="#">12164174</a>
CIELab	<a href="#">65.47, 1.22, 44.20</a>
CIElCh	<a href="#">65, 44.217, 88.413</a>
Yxy	<a href="#">34.6413, 0.4156, 0.4327</a>
Android (android.graphics.Color)	<a href="#">4290354254</a> ( <a href="#">0xFFB99C4E</a> )
YUV	<a href="#">155.7790, -38.3450, 25.6268</a>
Hunter-Lab	<a href="#">58.8568, -2.0952, 28.9699</a>

# Details

The Hex color **B99C4E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4E6BB9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F3D281**, and **81691C** is the 20% darker color. If you saturate the color by 10%, you get **B9973C**, and if you desaturate by 10%, it is **B9A161**.

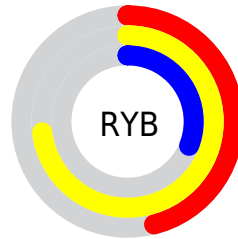
# Distribution



Red (73%)

Green (61%)

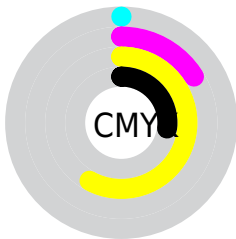
Blue (31%)



Red (46%)

Yellow (73%)

Blue (31%)

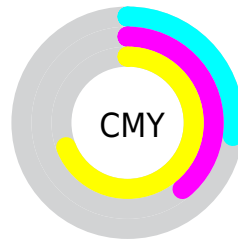


Cyan (0%)

Magenta (16%)

Yellow (58%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99C4E 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 B99C4E by changing the saturation by 10% instead.




 B99C4E

 B99C4E

FFFFFF

 9D8235

 F3D281

 81691C

 FFEF9C

 665100

 FFFFB7

 4D3A00

 FFFFD3

 322500

 FFFFF0

 1A1100

 000000

 B99C4E

 B99C4E

 B9973C

 B9A161

 B99229

 B9A673

 B98D16

 B9AB85

 B98804

 B9B098

 B98700

 B9B5AB

 B9BABD

 B9BFD0

 B9C4E2

 B9C9F5

# Harmonies

## Analogous

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



D88E5C



B99C4E



91A857

# Triad

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



B99C4E



00B3C3



CE87C9

# Complementary

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



B99C4E



4E6BB9

# 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.



9F95E5



B99C4E



00AEE2

# Square

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



B99C4E



00B39B



57A4EE



E77FA3

# Rectangle

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



B99C4E



72AD69



57A4EE



C18BD4



# Sweetspot

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



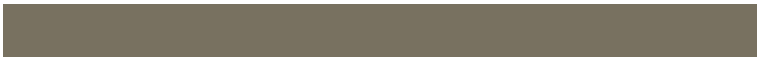
B99C4E



F0E5C7



B94E6C



787160



F7F7F7



787878



# Same Dimension

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



B99C4E



F0C34A



A2B94E



5C5953



9C7100



1C1400



# Inverse Universe

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



4E6BB9



4A77F0



654EB9



53555C



002A9C

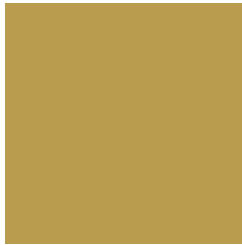


00081C



# Previews

## White Background



This preview shows how the Hex color B99C4E looks on a white background.

## Color Contrast Check

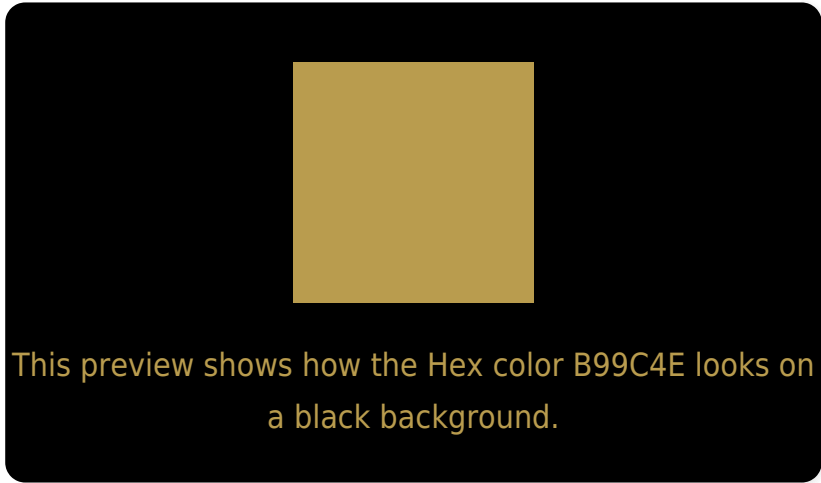
Large Text (above 18pt) WCAG AA × Fail

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 B99C4E Background



This preview shows how black text looks on a background with the Hex color B99C4E.



This preview shows how white text looks on a background with the Hex color B99C4E.

# 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**  
B99C4E

**Protanopia**  
B09F4F

**Deuteranopia**  
C4984F



**Tritanopia**  
C0939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99C4E 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 #B99C4E looks like.

```
.text, #text, p{  
    color:#B99C4E  
}
```

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 #B99C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99C4E
}
```

## Border

The CSS property to change the border of an element to Hex B99C4E 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
#B99C4E }
```

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

```
.border{ border-color:#B99C4E }
```

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

Here you see how a box with a 4 pixel #B99C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99C4E; -webkit-box-shadow:4px 4px  
4px 4px #B99C4E; box-shadow:4px 4px 4px  
4px #B99C4E }
```

# Background

The CSS property to change the background color of an element to Hex B99C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99C4E }
```

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

```
.background{ background-color:#B99C4E }
```

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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