

# Converting Colors

Hex(B19D6E)

Have a look what the booklet for  
Hex(B19D6E) contains.

<b>Hex(B19D6E)</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(B19D6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19D6E
RGB	177, 157, 110
RGB Percent	69%, 62%, 43%
CMY	0.3059, 0.3843, 0.5686
CMYK	0.00, 0.11, 0.38, 0.31
HSL	42°, 30%, 56%
HSV	42°, 38%, 69%
XYZ	33.0029, 34.5868, 19.6883
YIQ	157.6220, 27.0070, -10.3770

# Conversions

## Conversions Part 2

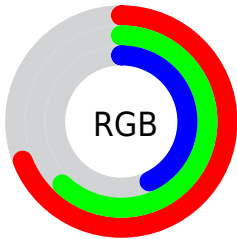
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 177, 110
Decimal	11640174
CIELab	65.43, 0.46, 27.29
CIELCh	65, 27.297, 89.037
Yxy	34.5868, 0.3781, 0.3963
Android (android.graphics.Color)	4289830254 (0xFFB19D6E)
YUV	157.6220, -23.4776, 16.9945
Hunter-Lab	58.8106, -2.7491, 21.3186

# Details

The Hex color **B19D6E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E82B1**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EAD3A2**, and **7B6A3E** is the 20% darker color. If you saturate the color by 10%, you get **B1985C**, and if you desaturate by 10%, it is **B1A280**.

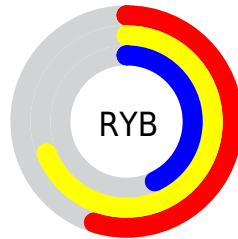
# Distribution



Red (69%)

Green (62%)

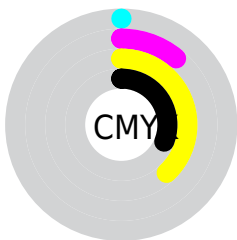
Blue (43%)



Red (55%)

Yellow (69%)

Blue (43%)

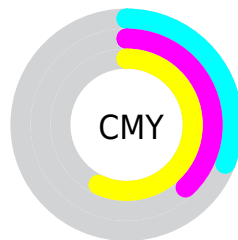


Cyan (0%)

Magenta (11%)

Yellow (38%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B19D6E 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 B19D6E by changing the saturation by 10% instead.



 B19D6E

 B19D6E

FFFFFF

 968355

 EAD3A2

 7B6A3E

 FFF0BD

 615227

 FFFFD9

 483B11

 FFFFF6

 322500

 191100

 000000

 B19D6E

 B19D6E

 B1985C

 B1A280

 B1924B

 B1A891

 B18D39

 B1ADA3

 B18827

 B1B2B5

 B18316

 B1B7C7

 B17D04

 B1BDD8

 B17C00

 B1C2EA

 B1C7FC

 B1CDFF

# Harmonies

## Analogous

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



C59576



B19D6E



97A574

# Triad

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



B19D6E



52ACB6



BD91B8

# Complementary

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



B19D6E



6E82B1

# 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.



A199CA



B19D6E



5EA8C8

# Square

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



B19D6E



60AC9D



7EA1CF



CD8DA1

# Rectangle

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



B19D6E



84A87E



7EA1CF



B593BF



# Sweetspot

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



B19D6E



E6DECC



B16E82



736E64



F2F2F2



737373



# Same Dimension

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



B19D6E



E6C77E



A4B16E



595750



996B00



1A1200



# Inverse Universe

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



6E82B1



7E9DE6



7B6EB1



505359



002E99

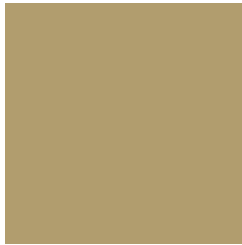


00081A



# Previews

## White Background



This preview shows how the Hex color B19D6E 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

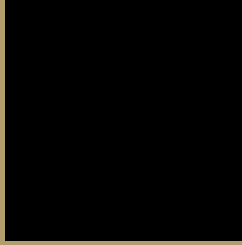
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B19D6E Background



This preview shows how black text looks on a background with the Hex color B19D6E.



This preview shows how white text looks on a background with the Hex color B19D6E.

# 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**  
B19D6E

**Protanopia**  
AC9F6F

**Deuteranopia**  
BD986F



**Tritanopia**  
B796A2

# Trichromacy



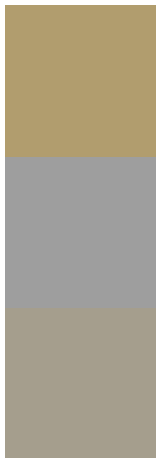
**Original Color**  
B19D6E

**Protanomaly**  
AE9E6F

**Deuteranomaly**  
B99A6F

**Tritanomaly**  
B5998F

# Monochromacy



**Original Color**  
B19D6E

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A59E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B19D6E 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 #B19D6E looks like.

```
.text, #text, p{  
    color:#B19D6E  
}
```

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 #B19D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19D6E
}
```

## Border

The CSS property to change the border of an element to Hex B19D6E 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
#B19D6E }
```

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

```
.border{ border-color:#B19D6E }
```

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

Here you see how a box with a 4 pixel #B19D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19D6E; -webkit-box-shadow:4px 4px  
4px 4px #B19D6E; box-shadow:4px 4px 4px  
4px #B19D6E }
```

# Background

The CSS property to change the background color of an element to Hex B19D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19D6E }
```

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

```
.background{ background-color:#B19D6E }
```

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