

# Converting Colors

Hex(C19B62)

Have a look what the booklet for  
Hex(C19B62) contains.

<b>Hex(C19B62)</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(C19B62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C19B62
RGB	193, 155, 98
RGB Percent	76%, 61%, 38%
CMY	0.2431, 0.3922, 0.6157
CMYK	0.00, 0.20, 0.49, 0.24
HSL	36°, 43%, 57%
HSV	36°, 49%, 76%
XYZ	35.9183, 35.6620, 16.5456
YIQ	159.8640, 40.9450, -9.6710

# Conversions

## Conversions Part 2

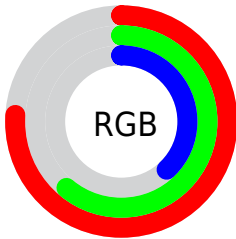
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 193, 98
Decimal	12688226
CIELab	66.26, 6.92, 35.10
CIElCh	66, 35.778, 78.853
Yxy	35.6620, 0.4076, 0.4047
Android (android.graphics.Color)	4290878306 (0xFFC19B62)
YUV	159.8640, -30.4990, 29.0603
Hunter-Lab	59.7177, 2.8562, 25.3752

# Details

The Hex color **C19B62** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6288C1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FBD196**, and **896832** is the 20% darker color. If you saturate the color by 10%, you get **C1934F**, and if you desaturate by 10%, it is **C1A375**.

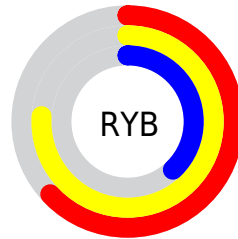
# Distribution



Red (76%)

Green (61%)

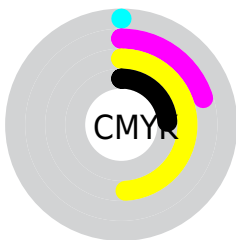
Blue (38%)



Red (63%)

Yellow (76%)

Blue (38%)

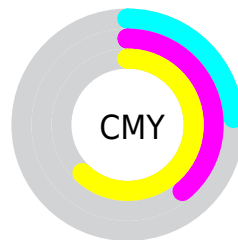


Cyan (0%)

Magenta (20%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C19B62 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 C19B62 by changing the saturation by 10% instead.



 C19B62

 C19B62

FFFFFF

 A58149

 FBD196

 896832

 FFEEB1

 6E501A

 FFFFCC

 543902

 FFFFFE9

 3B2400

 221000

 000000

 C19B62

 C19B62

 C1934F

 C1A375

 C18C3B

 C1AA89

 C18428

 C1B29C

 C17C15

 C1BAAF

 C17402

 C1C2C3

 C17400

 C1C9D6

 C1D1E9

 C1D9FC

 C1E0FF

# Harmonies

## Analogous

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



D79072



C19B62



A2A563

# Triad

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



C19B62



26B2B5



BE92CC

# Complementary

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



C19B62



6288C1

# 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.



939DDE



C19B62



26AFD1

# Square

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



C19B62



54B294



5EA8E0



D889AE

# Rectangle

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



C19B62



8AAB6E



5EA8E0



B195D3

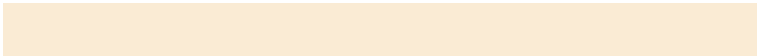


# Sweetspot

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



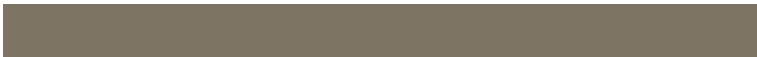
C19B62



FAEBD4



C16288



7D7466



FCFCFC



7D7D7D



# Same Dimension

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



C19B62



FABF66



B8C162



615D57



A16000



211400

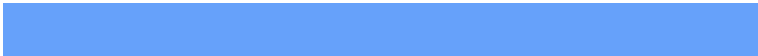


# Inverse Universe

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



6288C1



66A1FA



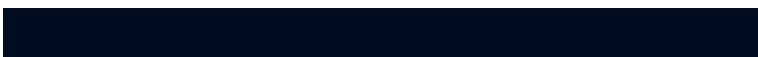
6B62C1



575B61



0040A1



000D21



# Previews

## White Background



This preview shows how the Hex color C19B62 looks on a white background.

## Color Contrast Check

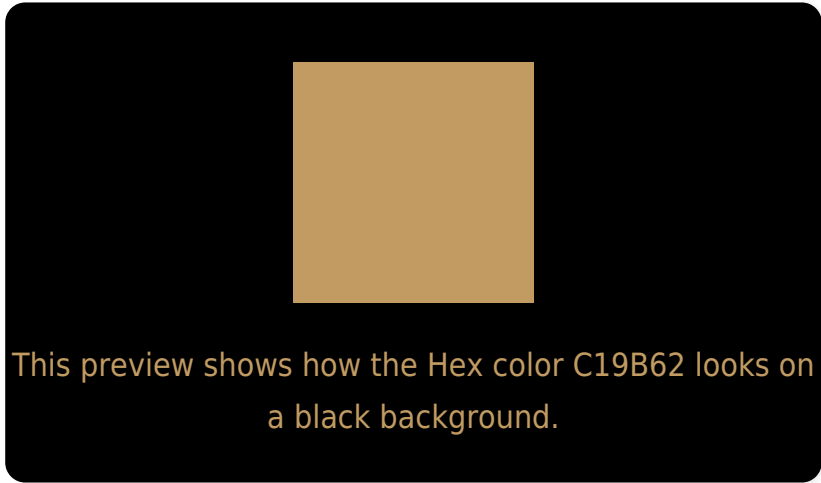
Large Text (above 18pt) WCAG AA × Fail

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 C19B62 Background



This preview shows how black text looks on a background with the Hex color C19B62.



This preview shows how white text looks on a background with the Hex color C19B62.

# 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**  
C19B62

**Protanopia**  
B0A164

**Deuteranopia**  
C39A62

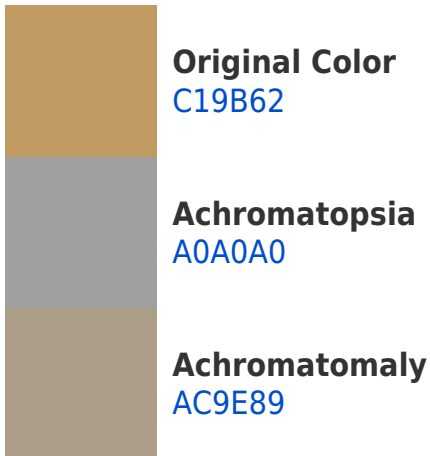


**Tritanopia**  
C7949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C19B62 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 #C19B62 looks like.

```
.text, #text, p{  
    color:#C19B62  
}
```

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 #C19B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19B62  
}
```

## Border

The CSS property to change the border of an element to Hex C19B62 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  
#C19B62 }
```

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

```
.border{ border-color:#C19B62 }
```

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

Here you see how a box with a 4 pixel #C19B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19B62; -webkit-box-shadow:4px 4px  
4px 4px #C19B62; box-shadow:4px 4px 4px  
4px #C19B62 }
```

# Background

The CSS property to change the background color of an element to Hex C19B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19B62 }
```

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

```
.background{ background-color:#C19B62 }
```

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