

# Converting Colors

Hex(C19789)

Have a look what the booklet for  
Hex(C19789) contains.

<b>Hex(C19789)</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(C19789)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C19789
RGB	193, 151, 137
RGB Percent	76%, 59%, 54%
CMY	0.2431, 0.4078, 0.4627
CMYK	0.00, 0.22, 0.29, 0.24
HSL	15°, 31%, 65%
HSV	15°, 29%, 76%
XYZ	37.5743, 35.2768, 28.4956
YIQ	161.9620, 29.5260, 4.5500

# Conversions

## Conversions Part 2

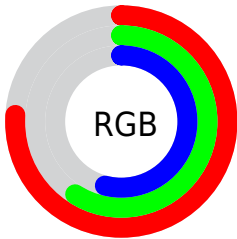
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 156, 137
Decimal	12687241
CIELab	65.96, 13.67, 13.39
CIELCh	66, 19.134, 44.401
Yxy	35.2768, 0.3707, 0.3481
Android (android.graphics.Color)	4290877321 (0xFFC19789)
YUV	161.9620, -12.3063, 27.2203
Hunter-Lab	59.3943, 8.9835, 13.1304

# Details

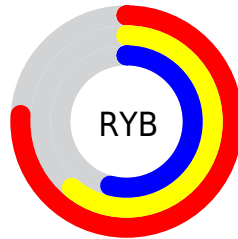
The Hex color **C19789** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89B3C1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FACDBE**, and **8A6457** is the 20% darker color. If you saturate the color by 10%, you get **C18976**, and if you desaturate by 10%, it is **C1A59C**.

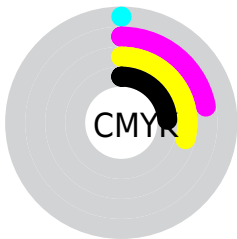
# Distribution



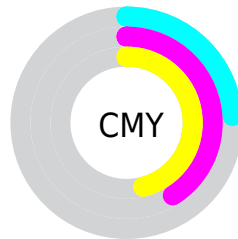
- Red (76%)
- Green (59%)
- Blue (54%)



- Red (76%)
- Yellow (61%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C19789 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 C19789 by changing the saturation by 10% instead.





C19789



C19789

FFFFFF



A57D70



FACDBE



8A6457



FFEADA



704C40



FFFFF7



57352A



3E1F15



280A00



000000



C19789



C19789



C18976



C1A59C

 C17A62

 C1B4B0

 C16C4F

 C1C2C3

 C15D3C

 C1D1D6

 C14F28

 C1DFE9

 C14015

 C1EEFD

 C13202

 C1FCFF

 C13000

 C1FFFF

# Harmonies

## Analogous

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



C49498



C19789



B69C80

# Triad

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



C19789



7FA996



979FC1

# Complementary

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



C19789



89B3C1

# 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.



81A5C1



C19789



73AAA8

# Square

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



C19789



91A787



73A8B8



AD99B9

# Rectangle

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



C19789



ABA07E



73A8B8



90A1C2

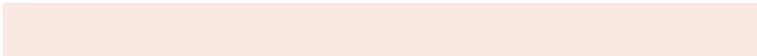


# Sweetspot

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



C19789



FAE9E3



C189B3



7D736F



FCFCFC



7D7D7D



# Same Dimension

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



C19789



FAB8A2



C1B389



615A57



A12800



210800

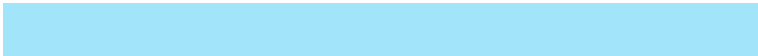


# Inverse Universe

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



89B3C1



A2E4FA



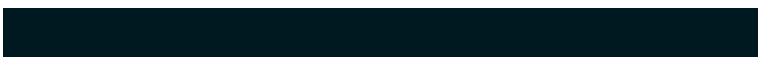
8997C1



575E61



0078A1



001921



# Previews

## White Background



This preview shows how the Hex color C19789 looks on a white background.

## Color Contrast Check

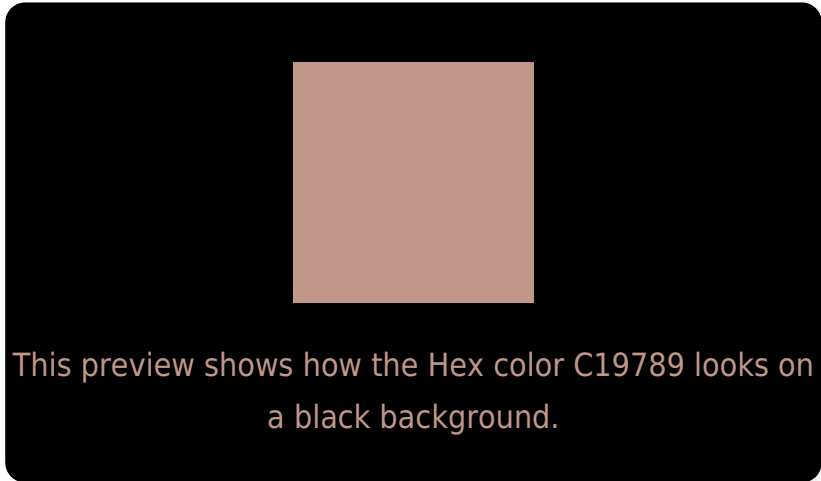
Large Text (above 18pt) WCAG AA × Fail

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

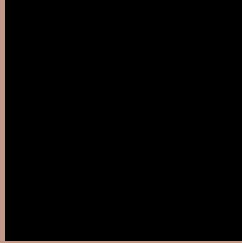
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C19789 Background



This preview shows how black text looks on a background with the Hex color C19789.

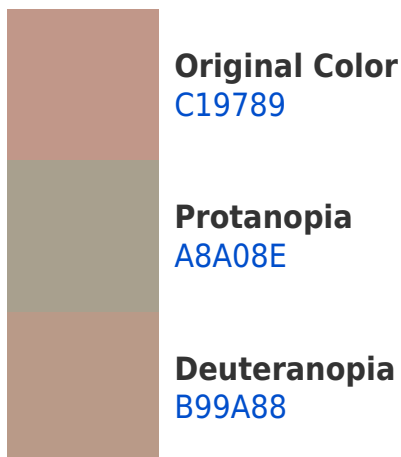


This preview shows how white text looks on a background with the Hex color C19789.

# 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





**Tritanopia**  
C3949F

# Trichromacy



**Original Color**  
C19789

**Protanomaly**  
B19D8C

**Deuteranomaly**  
BC9988

**Tritanomaly**  
C29597

# Monochromacy



**Original Color**  
C19789

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
AD9E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C19789 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 #C19789 looks like.

```
.text, #text, p{  
    color:#C19789  
}
```

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 #C19789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19789
}
```

## Border

The CSS property to change the border of an element to Hex C19789 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
#C19789 }
```

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

```
.border{ border-color:#C19789 }
```

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

Here you see how a box with a 4 pixel #C19789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19789; -webkit-box-shadow:4px 4px  
4px 4px #C19789; box-shadow:4px 4px 4px  
4px #C19789 }
```

# Background

The CSS property to change the background color of an element to Hex C19789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19789 }
```

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

```
.background{ background-color:#C19789 }
```

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