

# Converting Colors

Hex(C79874)

Have a look what the booklet for  
Hex(C79874) contains.

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**Color**

**Hex(C79874)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C79874                     |
| RGB           | 199, 152, 116              |
| RGB Percent   | 78%, 60%, 45%              |
| CMY           | 0.2196, 0.4039, 0.5451     |
| CMYK          | 0.00, 0.24, 0.42, 0.22     |
| HSL           | 26°, 43%, 62%              |
| HSV           | 26°, 42%, 78%              |
| XYZ           | 37.9338, 35.8595, 21.4453  |
| YIQ           | 161.9490, 39.5680, -1.2320 |

# Conversions

## Conversions Part 2

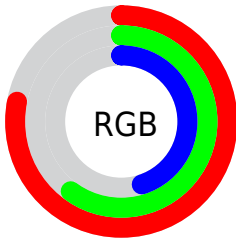
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>Y</sub>B</b>               | 199, 180, 116                  |
| Decimal                             | 13080692                       |
| CIE Lab                             | 66.41, 12.90, 25.73            |
| CIE LCh                             | 66, 28.780, 63.365             |
| Yxy                                 | 35.8595, 0.3983,<br>0.3765     |
| Android<br>(android.graphics.Color) | 4291270772<br>(0xFFC79874)     |
| YUV                                 | 161.9490, -22.6529,<br>32.4937 |
| Hunter-Lab                          | 59.8828, 8.2789,<br>20.6850    |

# Details

The Hex color **C79874** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74A3C7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCEA8**, and **8F6543** is the 20% darker color. If you saturate the color by 10%, you get **C78D60**, and if you desaturate by 10%, it is **C7A388**.

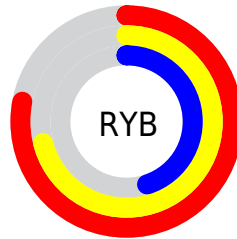
# Distribution



Red (78%)

Green (60%)

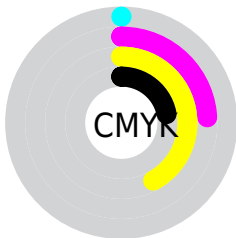
Blue (45%)



Red (78%)

Yellow (71%)

Blue (45%)

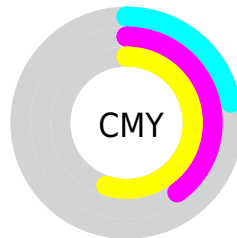


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C79874 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 C79874 by changing the saturation by 10% instead.



 C79874

 C79874

FFFFFF

 AB7E5B

 FFCEA8

 8F6543

 FFEBC4

 744D2D

 FFFFFE0

 5A3617

 FFFFFFFC

 412000

 280C00

 000000

 C79874

 C79874

 C78D60

 C7A388

 C7814C

 C7AF9C

 C77638

 C7BAB0

 C76B24

 C7C5C4

 C76010

 C7D0D8

 C75600

 C7DCEB

 C7E7FF

 C7F2FF

 C7FDFF

# Harmonies

## Analogous

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



D49186



C79874



B1A16E

# Triad

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



C79874



5BB0A4



A99ACD

# Complementary

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



C79874



74A3C7

# 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.



84A3D5



C79874



4EAFBD

# Square

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



C79874



77AE8A



60AACF



C592B9

# Rectangle

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



C79874



9FA672



60AACF



9D9DD1

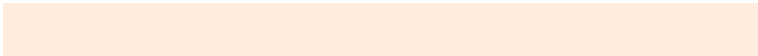


# Sweetspot

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



C79874



FFECDE



C774A3



80746B



000000



808080



# Same Dimension

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



C79874



FFB780



C7C174



635E5A



A34700



240F00

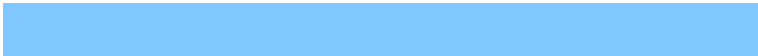


# Inverse Universe

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



74A3C7



80C8FF



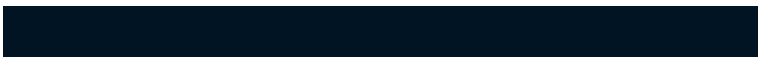
747AC7



5A5F63



005CA3



001424



# Previews

## White Background



This preview shows how the Hex color C79874 looks on a white background.

## Color Contrast Check

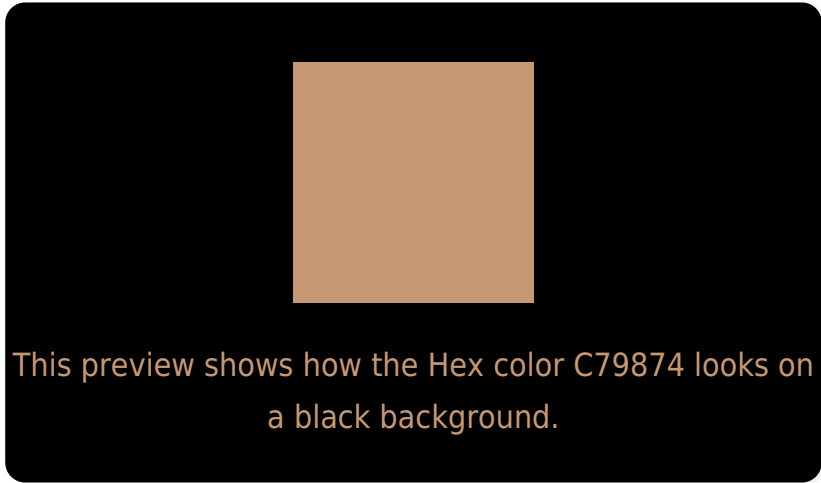
Large Text (above 18pt) WCAG AA × Fail

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

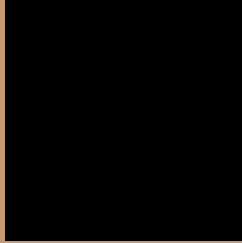
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C79874 Background



This preview shows how black text looks on a background with the Hex color C79874.

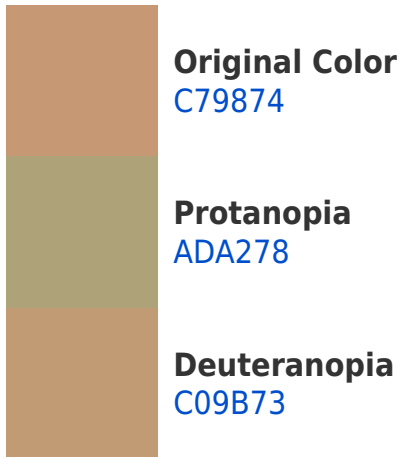



This preview shows how white text looks on a background with the Hex color C79874.

# 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**  
CB929E

# Trichromacy



**Original Color**  
C79874

**Protanomaly**  
B69E77

**Deuteranomaly**  
C39A73

**Tritanomaly**  
CA948F

# Monochromacy



**Original Color**  
C79874

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
AF9E91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C79874 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 #C79874 looks like.

```
.text, #text, p{  
    color:#C79874  
}
```

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 #C79874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79874
}
```

## Border

The CSS property to change the border of an element to Hex C79874 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
#C79874 }
```

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

```
.border{ border-color:#C79874 }
```

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

Here you see how a box with a 4 pixel #C79874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79874; -webkit-box-shadow:4px 4px  
4px 4px #C79874; box-shadow:4px 4px 4px  
4px #C79874 }
```

# Background

The CSS property to change the background color of an element to Hex C79874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79874 }
```

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

```
.background{ background-color:#C79874 }
```

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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