

Converting Colors

Hex(C49876)

Have a look what the booklet for
Hex(C49876) contains.

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Color

Hex(C49876)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C49876 |
| RGB | 196, 152, 118 |
| RGB Percent | 77%, 60%, 46% |
| CMY | 0.2314, 0.4039, 0.5373 |
| CMYK | 0.00, 0.22, 0.40, 0.23 |
| HSL | 26°, 40%, 62% |
| HSV | 26°, 40%, 77% |
| XYZ | 37.2632, 35.5002, 22.0278 |
| YIQ | 161.2800, 37.1380, -1.2460 |

Conversions

Conversions Part 2

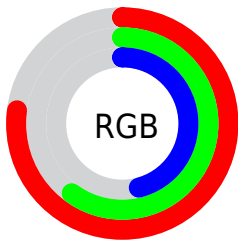
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 196, 178, 118 |
| Decimal | 12884086 |
| CIELab | 66.14, 11.91, 24.21 |
| CIELCh | 66, 26.977, 63.800 |
| Yxy | 35.5002, 0.3931, 0.3745 |
| Android (android.graphics.Color) | 4291074166 (0xFFC49876) |
| YUV | 161.2800, -21.3370, 30.4494 |
| Hunter-Lab | 59.5821, 7.3670, 19.7876 |

Details

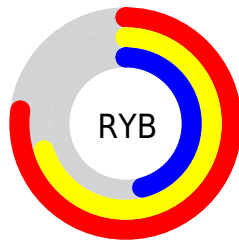
The Hex color **C49876** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76A2C4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FECEAA**, and **8D6545** is the 20% darker color. If you saturate the color by 10%, you get **C48D62**, and if you desaturate by 10%, it is **C4A38A**.

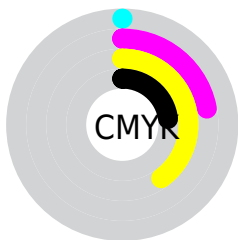
Distribution



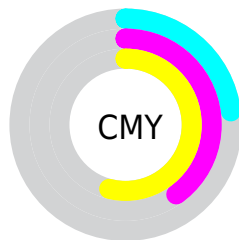
- Red (77%)
- Green (60%)
- Blue (46%)



- Red (77%)
- Yellow (70%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49876 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 C49876 by changing the saturation by 10% instead.

 C49876

 C49876

FFFFFF

 A87E5D

 FECEAA

 8D6545

 FFEBC6

 724D2E

 FFFFFE2

 583619

 3F2100

 270C00

 000000

 C49876

 C49876

 C48D62

 C4A38A

 C4824F

 C4AE9D

 C4773B

 C4B9B1

 C46C28

 C4C4C4

 C46114

 C4CFD8

 C45600

 C4DAEC

 C45500

 C4E5FF

 C4F0FF

 C4FCFF

Harmonies

Analogous

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



D09187



C49876



AFA070

Triad

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



C49876



60AEA3



A899C9

Complementary

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



C49876



76A2C4

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.



86A2D1



C49876



56ADBB

Square

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



C49876



79AC8B



66A9CB



C292B7

Rectangle

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



C49876



9EA574



66A9CB



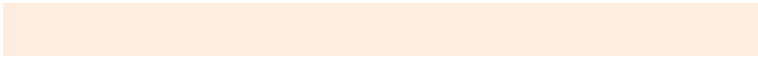
9E9CCD

Sweetspot

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



C49876



FFEEE0



C476A2



80756E



000000



808080

Same Dimension

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



C49876



FFBA85



C4BF76



615B57



A14600



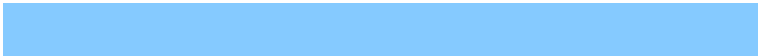
210E00

Inverse Universe

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



76A2C4



85CAFF



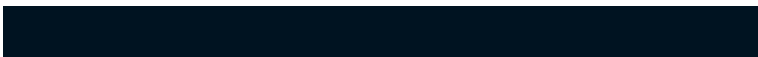
767BC4



575D61



005BA1



001321

Previews

White Background



This preview shows how the Hex color C49876 looks on a white background.

Color Contrast Check

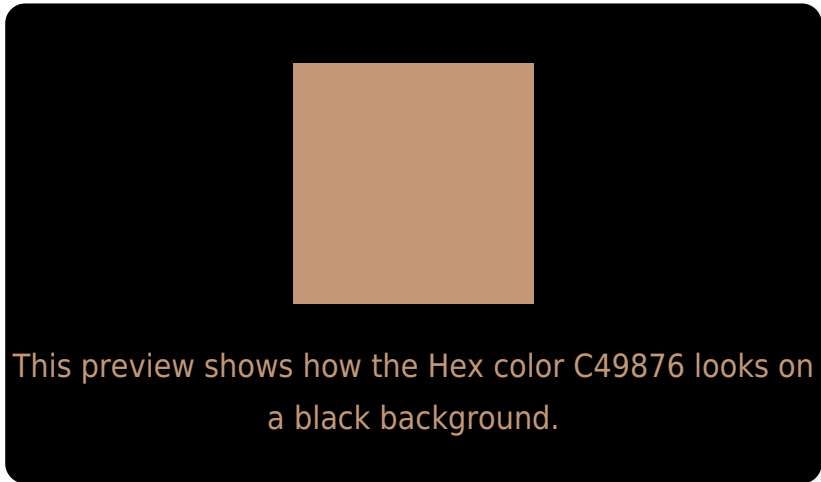
Large Text (above 18pt) WCAG AA × Fail

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

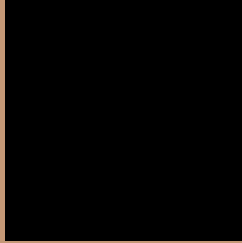
Any Text WCAG AA ✓ Pass

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 C49876 Background



This preview shows how black text looks on a background with the Hex color C49876.



This preview shows how white text looks on a background with the Hex color C49876.

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
C49876

Protanopia
ACA17A

Deuteranopia
BF9A76

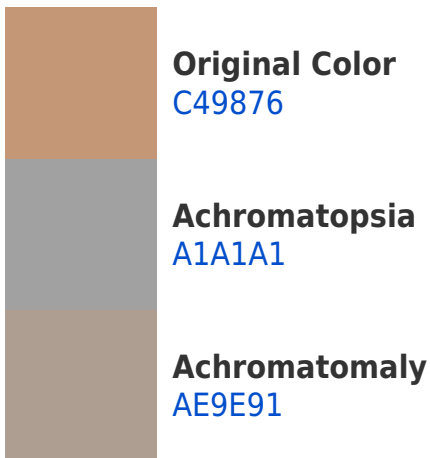


Tritanopia
C8939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49876 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 #C49876 looks like.

```
.text, #text, p{  
    color:#C49876  
}
```

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 #C49876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49876
}
```

Border

The CSS property to change the border of an element to Hex C49876 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
#C49876 }
```

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

```
.border{ border-color:#C49876 }
```

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

Here you see how a box with a 4 pixel #C49876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49876; -webkit-box-shadow:4px 4px  
4px 4px #C49876; box-shadow:4px 4px 4px  
4px #C49876 }
```

Background

The CSS property to change the background color of an element to Hex C49876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49876 }
```

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

```
.background{ background-color:#C49876 }
```

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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