

Converting Colors

Hex(C49766)

Have a look what the booklet for
Hex(C49766) contains.

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Color

Hex(C49766)

Conversions

Conversions Part 1

Format	Color
Hex	C49766
RGB	196, 151, 102
RGB Percent	77%, 59%, 40%
CMY	0.2314, 0.4078, 0.6000
CMYK	0.00, 0.23, 0.48, 0.23
HSL	31°, 44%, 58%
HSV	31°, 48%, 77%
XYZ	36.2298, 34.8283, 17.3834
YIQ	158.8690, 42.5490, -5.6990

Conversions

Conversions Part 2

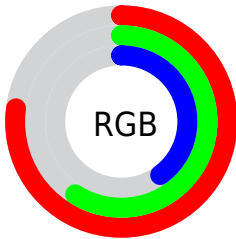
Format	Color
RYB	188, 196, 102
Decimal	12883814
CIELab	65.61, 10.74, 32.22
CIELCh	66, 33.961, 71.557
Yxy	34.8283, 0.4096, 0.3938
Android (android.graphics.Color)	4291073894 (0xFFC49766)
YUV	158.8690, -28.0364, 32.5639
Hunter-Lab	59.0155, 6.3047, 23.8466

Details

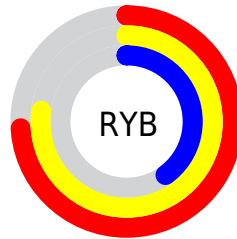
The Hex color **C49766** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6693C4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FECD9A**, and **8C6436** is the 20% darker color. If you saturate the color by 10%, you get **C48E52**, and if you desaturate by 10%, it is **C4A07A**.

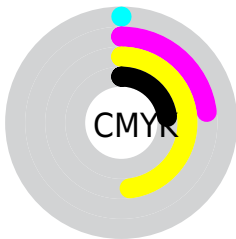
Distribution



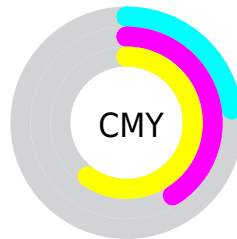
- Red (77%)
- Green (59%)
- Blue (40%)



- Red (74%)
- Yellow (77%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (48%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49766 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 C49766 by changing the saturation by 10% instead.

 C49766

 C49766


FFFFFF

 A87D4D

 FECD9A

 8C6436

 FFE9B5

 714C1F

 FFFFD0

 573608

 FFFFED

 3D2000

 250B00

 000000

 C49766

 C49766

 C48E52

 C4A07A

 C4843F

 C4AA8D

 C47B2B

 C4B3A1

 C47118

 C4BDB4

 C46804

 C4C6C8

 C46600

 C4CFDC

 C4D9EF

 C4E2FF

 C4EBFF

Harmonies

Analogous

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



D68D78



C49766



A8A163

Triad

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



C49766



3AB0AA



B293CD

Complementary

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



C49766



6693C4

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.



879EDB



C49766



2DAEC7

Square

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



C49766



61AE8B



55A8D8



CF8AB3

Rectangle

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



C49766



92A76B



55A8D8



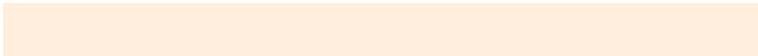
A597D3

Sweetspot

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



C49766



FFEEDB



C46693



80756A



000000



808080

Same Dimension

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



C49766



FFB86B



C2C466



615C57



A15400



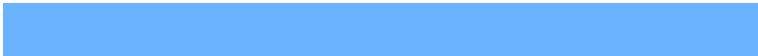
211100

Inverse Universe

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



6693C4



6BB2FF



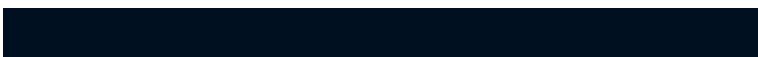
6866C4



575C61



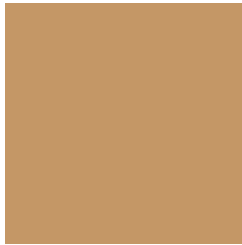
004DA1



001021

Previews

White Background



This preview shows how the Hex color C49766 looks on a white background.

Color Contrast Check

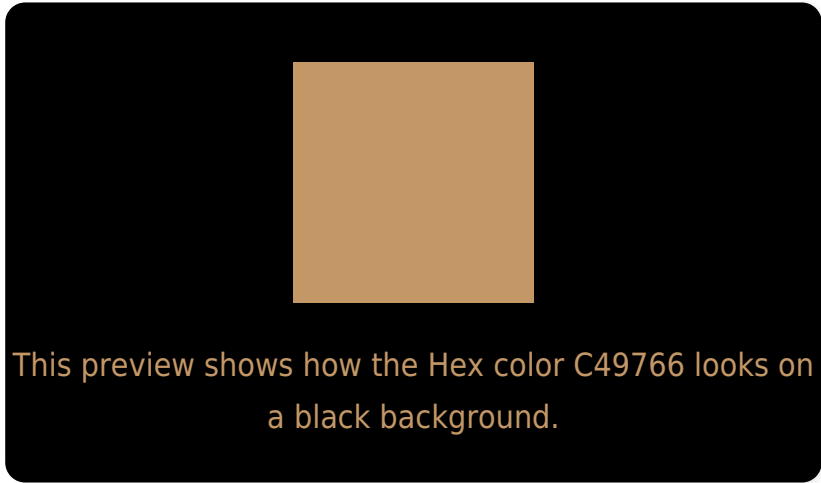
Large Text (above 18pt) WCAG AA × Fail

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

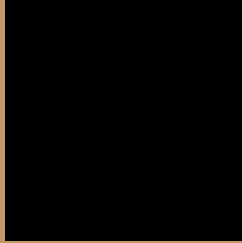
Any Text WCAG AA ✓ Pass

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 C49766 Background



This preview shows how black text looks on a background with the Hex color C49766.



This preview shows how white text looks on a background with the Hex color C49766.

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
C49766

Protanopia
ADA069

Deuteranopia
C09966



Tritanopia
C9909B

Trichromacy



Original Color
C49766

Protanomaly
B59D68

Deuteranomaly
C19866

Tritanomaly
C79388

Monochromacy



Original Color
C49766

Achromatopsia
9F9F9F

Achromatomaly
AC9C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex C49766 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 #C49766 looks like.

```
.text, #text, p{  
    color:#C49766  
}
```

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 #C49766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49766
}
```

Border

The CSS property to change the border of an element to Hex C49766 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
#C49766 }
```

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

```
.border{ border-color:#C49766 }
```

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

Here you see how a box with a 4 pixel #C49766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49766; -webkit-box-shadow:4px 4px  
4px 4px #C49766; box-shadow:4px 4px 4px  
4px #C49766 }
```

Background

The CSS property to change the background color of an element to Hex C49766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49766 }
```

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

```
.background{ background-color:#C49766 }
```

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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