

# Converting Colors

Hex(C49D85)

Have a look what the booklet for  
Hex(C49D85) contains.

<b>Hex(C49D85)</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(C49D85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C49D85
RGB	196, 157, 133
RGB Percent	77%, 62%, 52%
CMY	0.2314, 0.3843, 0.4784
CMYK	0.00, 0.20, 0.32, 0.23
HSL	23°, 35%, 65%
HSV	23°, 32%, 77%
XYZ	39.0556, 37.5432, 27.3784
YIQ	165.9250, 30.9480, 0.8040

# Conversions

## Conversions Part 2

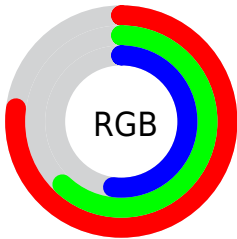
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 172, 133</a>
Decimal	<a href="#">12885381</a>
CIELab	<a href="#">67.68, 11.02, 18.05</a>
CIELCh	<a href="#">68, 21.145, 58.585</a>
Yxy	<a href="#">37.5432, 0.3756, 0.3611</a>
Android (android.graphics.Color)	<a href="#">4291075461 (0xFFC49D85)</a>
YUV	<a href="#">165.9250, -16.2320, 26.3758</a>
Hunter-Lab	<a href="#">61.2725, 6.5505, 16.3982</a>

# Details

The Hex color **C49D85** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85ACC4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FED4BA**, and **8D6A53** is the 20% darker color. If you saturate the color by 10%, you get **C49171**, and if you desaturate by 10%, it is **C4A999**.

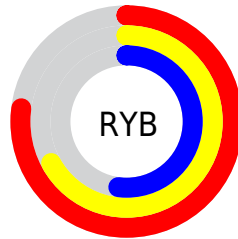
# Distribution



Red (77%)

Green (62%)

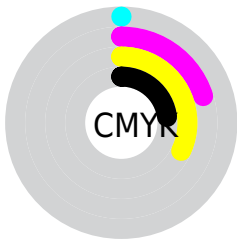
Blue (52%)



Red (77%)

Yellow (67%)

Blue (52%)

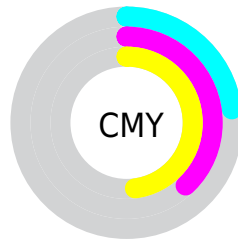


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49D85 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 C49D85 by changing the saturation by 10% instead.



 C49D85

 C49D85

FFFFFF

 A8836C

 FED4BA

 8D6A53

 FFF0D6

 73513C

 FFFFF2

 593A26

 402511

 291000

 030000

 000000

 C49D85

 C49D85

 C49171

 C4A999

 C4855E

 C4B5AC

 C4794A

 C4C1C0

 C46C37

 C4CED3

 C46023

 C4DAE7

 C4540F

 C4E6FB

 C44B00

 C4F2FF

 C4FEFF

 C4FFFF

# Harmonies

## Analogous

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



CC9893



C49D85



B4A37F

# Triad

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



C49D85



77B0A3



A7A0C6

# Complementary

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



C49D85



85ACC4

# 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.



8DA7CB



C49D85



6FAFB6

# Square

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



C49D85



8AAE90



78ACC5



BD9AB9

# Rectangle

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



C49D85



A7A781



78ACC5



9EA3C9

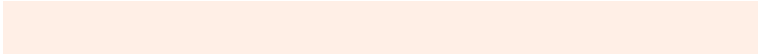


# Sweetspot

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



C49D85



FFEFE6



C485AD



807670



000000



808080



# Same Dimension

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



C49D85



FFC19C



C4BC85



615B57



A13D00



210D00

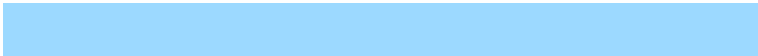


# Inverse Universe

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



85ACC4



9CD9FF



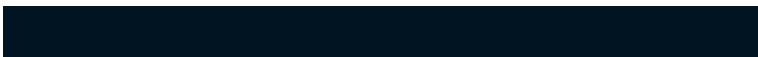
858DC4



575D61



0063A1



001521



# Previews

## White Background



This preview shows how the Hex color C49D85 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



This preview shows how the Hex color C49D85 looks on a 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 C49D85 Background



This preview shows how black text looks on a background with the Hex color C49D85.



This preview shows how white text looks on a background with the Hex color C49D85.

# 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**  
C49D85

**Protanopia**  
AEA589

**Deuteranopia**  
C09F85



**Tritanopia**  
C799A4

# Trichromacy



**Original Color**  
C49D85

**Protanomaly**  
B6A288

**Deuteranomaly**  
C19E85

**Tritanomaly**  
C69A99

# Monochromacy



**Original Color**  
C49D85

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
B1A39A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49D85 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 #C49D85 looks like.

```
.text, #text, p{  
    color:#C49D85  
}
```

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 #C49D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49D85
}
```

## Border

The CSS property to change the border of an element to Hex C49D85 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
#C49D85 }
```

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

```
.border{ border-color:#C49D85 }
```

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

Here you see how a box with a 4 pixel #C49D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49D85; -webkit-box-shadow:4px 4px  
4px 4px #C49D85; box-shadow:4px 4px 4px  
4px #C49D85 }
```

# Background

The CSS property to change the background color of an element to Hex C49D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49D85 }
```

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

```
.background{ background-color:#C49D85 }
```

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