

# Converting Colors

Hex(C49725)

Have a look what the booklet for  
Hex(C49725) contains.

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**Color**

**Hex(C49725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49725
RGB	196, 151, 37
RGB Percent	77%, 59%, 15%
CMY	0.2314, 0.4078, 0.8549
CMYK	0.00, 0.23, 0.81, 0.23
HSL	43°, 68%, 46%
HSV	43°, 81%, 77%
XYZ	34.1655, 34.0026, 6.5127
YIQ	151.4590, 63.4140, -25.9140

# Conversions

## Conversions Part 2

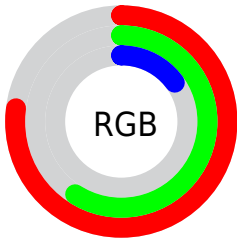
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 196, 37</a>
Decimal	<a href="#">12883749</a>
<a href="#">CIELab</a>	<a href="#">64.96, 6.53, 61.38</a>
<a href="#">CIElCh</a>	<a href="#">65, 61.724, 83.931</a>
<a href="#">Yxy</a>	<a href="#">34.0026, 0.4575, 0.4553</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291073829 (0xFFC49725)</a>
<a href="#">YUV</a>	<a href="#">151.4590, -56.4283, 39.0625</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.3117, 2.5397, 34.1962</a>

# Details

The Hex color **C49725** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2552C4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFCD5C**, and **8A6500** is the 20% darker color. If you saturate the color by 10%, you get **C49111**, and if you desaturate by 10%, it is **C49D39**.

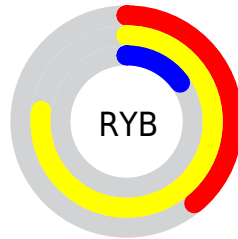
# Distribution



Red (77%)

Green (59%)

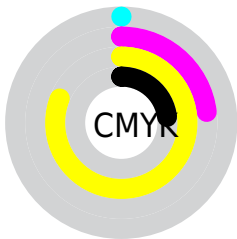
Blue (15%)



Red (39%)

Yellow (77%)

Blue (15%)

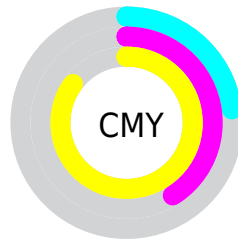


Cyan (0%)

Magenta (23%)

Yellow (81%)

Black (23%)



Cyan (23%)

Magenta (41%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49725 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 C49725 by changing the saturation by 10% instead.



 C49725

 C49725

FFFFFF

 A77D00

 FFCD5C

 8A6500

 FFE977

 6E4D00

 FFFF93

 523600

 FFFFFAE

 372100

 FFFFFCB

 1F0C00

 FFFFFE7

 000000

 C49725

 C49725

 C49111

 C49D39

 C48D00

 C4A24C

 C4A860

 C4AD73

 C4B387

 C4B89B

 C4BEAE

 C4C3C2

 C4C9D5

# Harmonies

## Analogous

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



EC8145



C49725



8FA82E

# Triad

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



C49725



00B8C9



D67CDF

# Complementary

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



C49725



2552C4

# 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.



8A94FF



C49725



00B3F6

# Square

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



C49725



00B790



00A7FF



FB6BAB

# Rectangle

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



C49725



63AF49



00A7FF



C184EE



# Sweetspot

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



C49725



FFEEC2



C42552



80755B



000000



808080



# Same Dimension

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



C49725



FFB908



A2C425



615E57



A17300



211800



# Inverse Universe

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



2552C4



084EFF



4725C4



575A61



002DA1



000921



# Previews

## White Background



This preview shows how the Hex color C49725 looks on a white background.

## Color Contrast Check

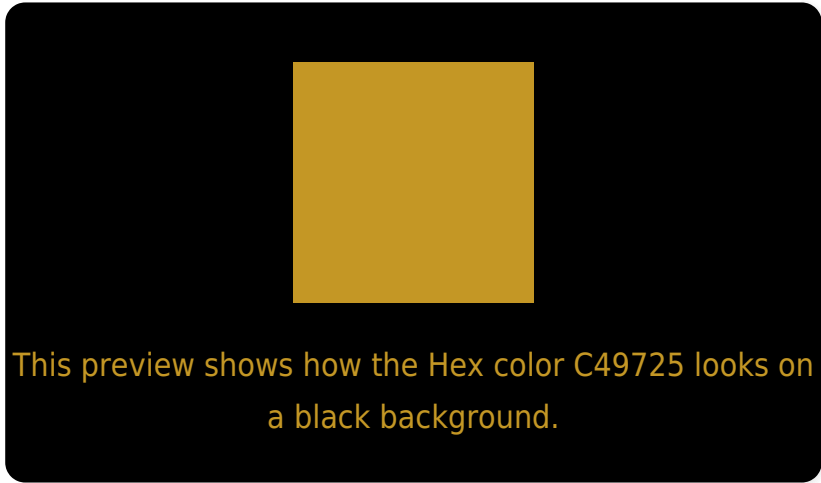
Large Text (above 18pt) WCAG AA × Fail

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 C49725 Background



This preview shows how black text looks on a background with the Hex color C49725.



This preview shows how white text looks on a background with the Hex color C49725.

# 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**  
C49725

**Protanopia**  
B19E27

**Deuteranopia**  
C79626

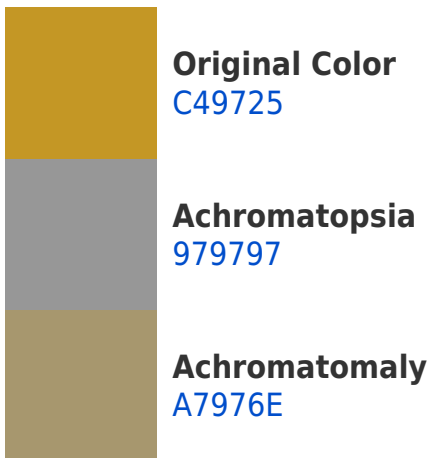


**Tritanopia**  
CB8D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49725 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 #C49725 looks like.

```
.text, #text, p{  
    color:#C49725  
}
```

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 #C49725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49725
}
```

## Border

The CSS property to change the border of an element to Hex C49725 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
#C49725 }
```

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

```
.border{ border-color:#C49725 }
```

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

Here you see how a box with a 4 pixel #C49725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49725; -webkit-box-shadow:4px 4px  
4px 4px #C49725; box-shadow:4px 4px 4px  
4px #C49725 }
```

# Background

The CSS property to change the background color of an element to Hex C49725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49725 }
```

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

```
.background{ background-color:#C49725 }
```

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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