

# Converting Colors

Hex(D59970)

Have a look what the booklet for  
Hex(D59970) contains.

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**Color**

**Hex(D59970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D59970
RGB	213, 153, 112
RGB Percent	84%, 60%, 44%
CMY	0.1647, 0.4000, 0.5608
CMYK	0.00, 0.28, 0.47, 0.16
HSL	24°, 55%, 64%
HSV	24°, 47%, 84%
XYZ	41.7564, 38.0985, 20.4822
YIQ	166.2660, 48.9210, -0.0310

# Conversions

## Conversions Part 2

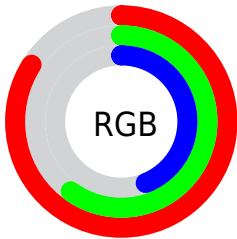
Format	Color
R <sub>Y</sub> B	213, 181, 112
Decimal	13998448
CIE Lab	68.09, 17.63, 30.39
CIE LCh	68, 35.136, 59.883
Yxy	38.0985, 0.4162, 0.3797
Android (android.graphics.Color)	4292188528 (0xFFD59970)
YUV	166.2660, -26.7531, 40.9857
Hunter-Lab	61.7239, 12.7389, 23.5323

# Details

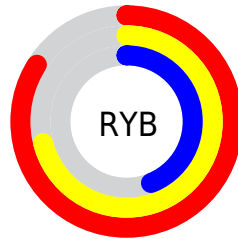
The Hex color **D59970** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70ACD5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCFA4**, and **9C663F** is the 20% darker color. If you saturate the color by 10%, you get **D58C5B**, and if you desaturate by 10%, it is **D5A685**.

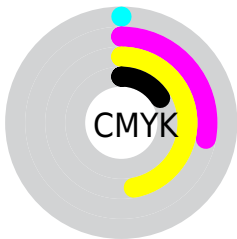
# Distribution



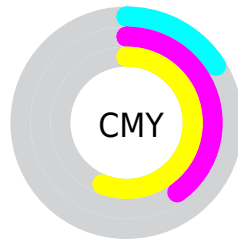
- Red (84%)
- Green (60%)
- Blue (44%)



- Red (84%)
- Yellow (71%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (16%)



- Cyan (16%)
- Magenta (40%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D59970 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 D59970 by changing the saturation by 10% instead.



 D59970

 D59970

FFFFFF

 B87F57

 FFCFA4

 9C663F

 FFECBF

 804E29

 FFFFDB

 653712

 FFFFF8

 4B2000

 310C00

 150000

 000000

 D59970

 D59970

 D58C5B

 D5A685

 D58045

 D5B29B

 D57330

 D5BFB0

 D5661B

 D5CCC5

 D55A06

 D5D8DB

 D55600

 D5E5F0

 D5F2FF

 D5FEFF

 D5FFFF

# Harmonies

## Analogous

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



E39088



D59970



BBA466

# Triad

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



D59970



4CB7A5



AA9EDD

# Complementary

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



D59970



70ACD5

# 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.



79A9E5



D59970



2CB6C4

# Square

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



D59970



75B485



45B2DC



CE93C6

# Rectangle

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



D59970



A6AB69



45B2DC



9AA2E1

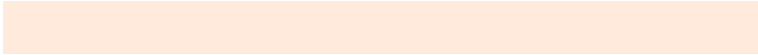


# Sweetspot

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



D59970



FFEADB



D570AD



80736A



000000



808080



# Same Dimension

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



D59970



FFA96E



D5CB70



6B6560



AB4500



2B1200

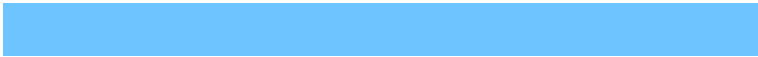


# Inverse Universe

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



70ACD5



6EC4FF



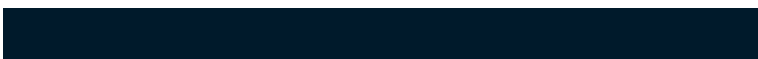
707AD5



60676B



0065AB



001A2B



# Previews

## White Background



This preview shows how the Hex color D59970 looks on a white background.

## Color Contrast Check

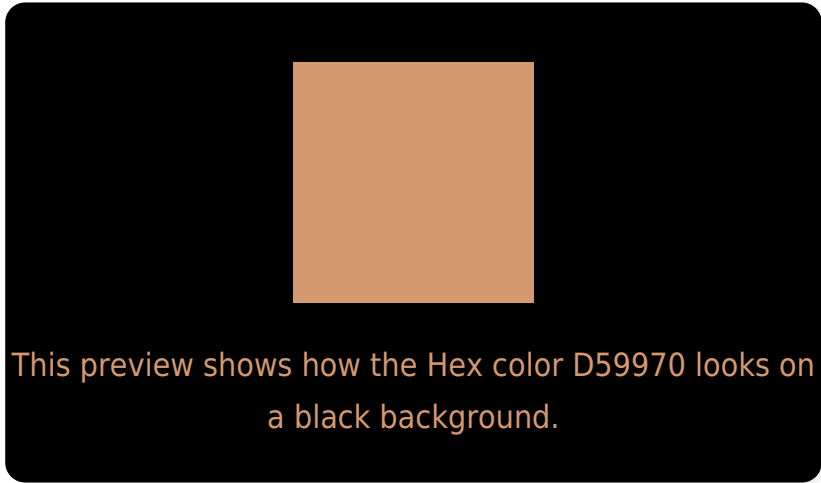
Large Text (above 18pt) WCAG AA × Fail

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

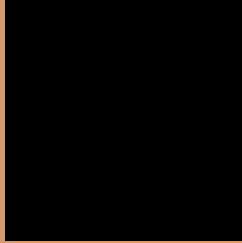
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D59970 Background



This preview shows how black text looks on a background with the Hex color D59970.

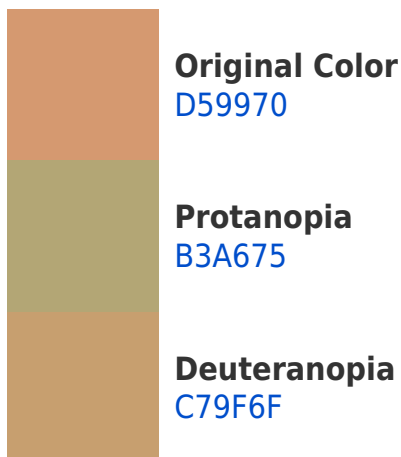


This preview shows how white text looks on a background with the Hex color D59970.

# 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](#).

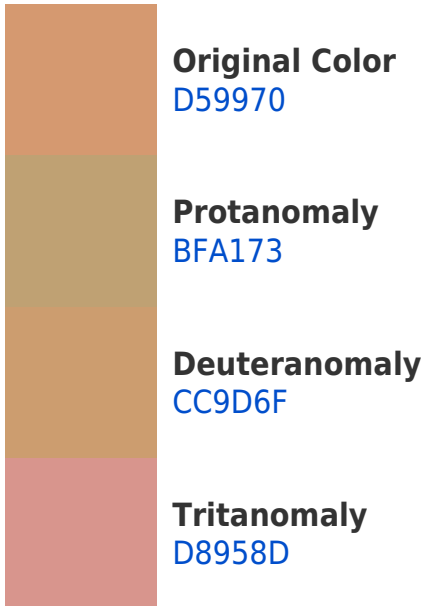
## Dichromacy



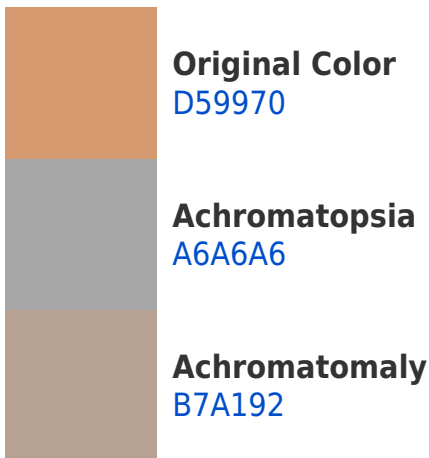


**Tritanopia**  
D9939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D59970 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 #D59970 looks like.

```
.text, #text, p{  
    color:#D59970  
}
```

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 #D59970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59970
}
```

## Border

The CSS property to change the border of an element to Hex D59970 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
#D59970 }
```

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

```
.border{ border-color:#D59970 }
```

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

Here you see how a box with a 4 pixel #D59970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59970; -webkit-box-shadow:4px 4px  
4px 4px #D59970; box-shadow:4px 4px 4px  
4px #D59970 }
```

# Background

The CSS property to change the background color of an element to Hex D59970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59970 }
```

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

```
.background{ background-color:#D59970 }
```

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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