

# Converting Colors

Hex(D59772)

Have a look what the booklet for  
Hex(D59772) contains.

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**Color**

**Hex(D59772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D59772
RGB	213, 151, 114
RGB Percent	84%, 59%, 45%
CMY	0.1647, 0.4078, 0.5529
CMYK	0.00, 0.29, 0.46, 0.16
HSL	22°, 54%, 64%
HSV	22°, 46%, 84%
XYZ	41.5444, 37.4943, 20.9671
YIQ	165.3200, 48.8290, 1.6370

# Conversions

## Conversions Part 2

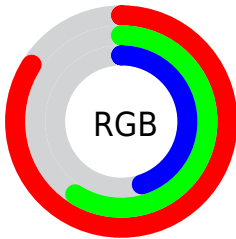
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 173, 114
Decimal	13997938
CIE Lab	67.65, 18.91, 28.72
CIE LCh	68, 34.391, 56.639
Yxy	37.4943, 0.4154, 0.3749
Android (android.graphics.Color)	4292188018 (0xFFD59772)
YUV	165.3200, -25.3008, 41.8154
Hunter-Lab	61.2326, 13.9499, 22.5609

# Details

The Hex color **D59772** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72B0D5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCDA6**, and **9C6441** is the 20% darker color. If you saturate the color by 10%, you get **D58A5D**, and if you desaturate by 10%, it is **D5A487**.

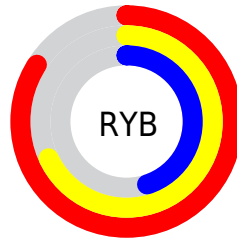
# Distribution



Red (84%)

Green (59%)

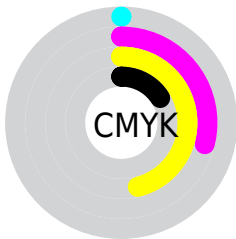
Blue (45%)



Red (84%)

Yellow (68%)

Blue (45%)

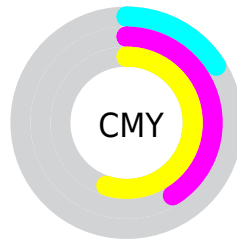


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (41%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D59772 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 D59772 by changing the saturation by 10% instead.



 D59772

 D59772

FFFFFF

 B87D59

 FFCDA6

 9C6441

 FFEAC2

 804C2B

 FFFFDE

 653515

 FFFFFA

 4B1F00

 310900

 140000

 000000

 D59772

 D59772

 D58A5D

 D5A487

 D57C47

 D5B29D

 D56F32

 D5BFB2

 D5621D

 D5CCC7

 D55408

 D5DADD

 D55000

 D5E7F2

 D5F4FF

 D5FFFF

# Harmonies

## Analogous

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



E18F8B



D59772



BDA267

# Triad

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



D59772



52B5A0



A49EDC

# Complementary

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



D59772



72B0D5

# 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.



73A9E2



D59772



32B5BF

# Square

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



D59772



79B282



42B1D8



C993C7

# Rectangle

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



D59772



A8A869



42B1D8



95A2E0

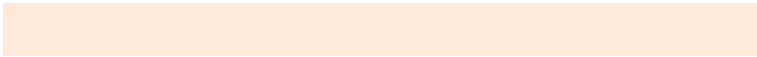


# Sweetspot

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



D59772



FFE9DB



D572B1



80726A



000000



808080



# Same Dimension

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



D59772



FFA670



D5C872



6B6460



AB4000



2B1000

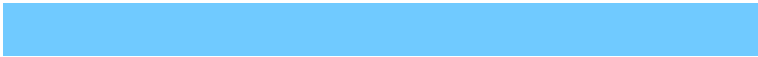


# Inverse Universe

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



72B0D5



70CAFF



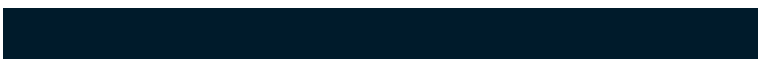
727FD5



60676B



006BAB



001B2B



# Previews

## White Background



This preview shows how the Hex color D59772 looks on a white background.

## Color Contrast Check

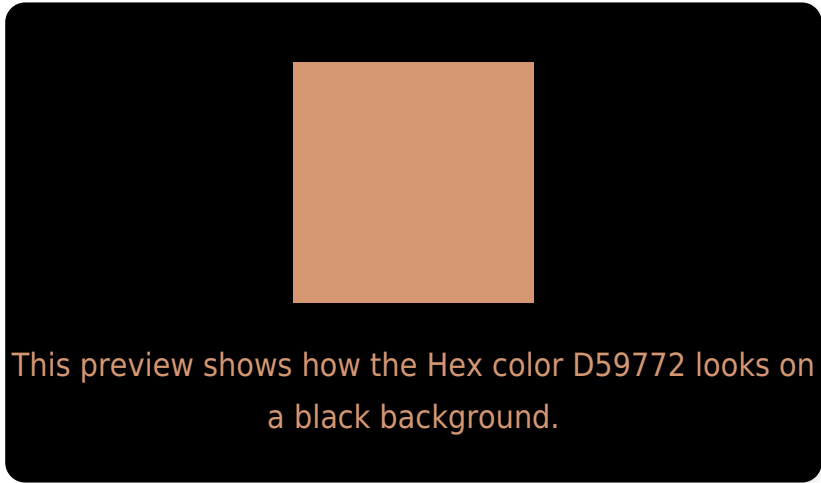
Large Text (above 18pt) WCAG AA × Fail

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

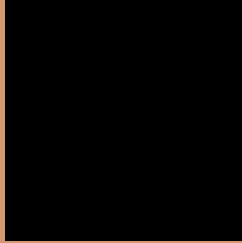
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D59772 Background



This preview shows how black text looks on a background with the Hex color D59772.



This preview shows how white text looks on a background with the Hex color D59772.

# 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**  
D59772

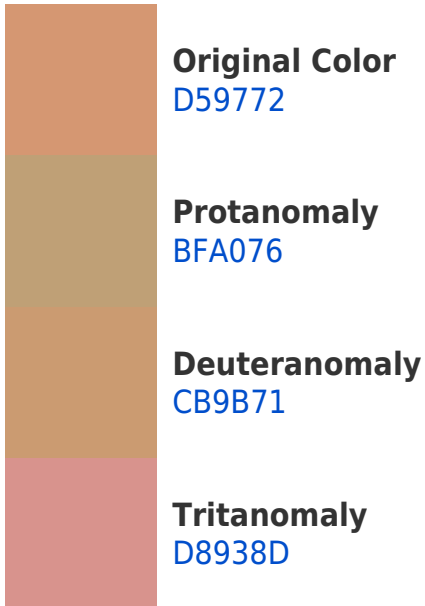
**Protanopia**  
B2A578

**Deuteranopia**  
C59E71

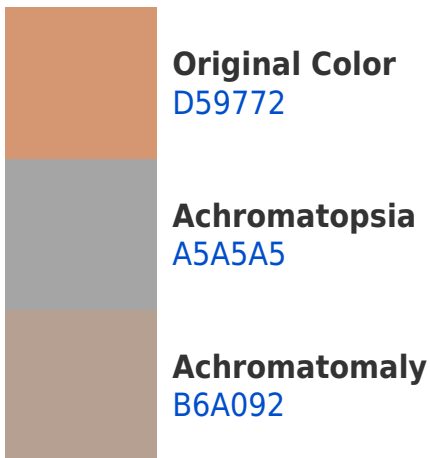


**Tritanopia**  
D9919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D59772 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 #D59772 looks like.

```
.text, #text, p{  
    color:#D59772  
}
```

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 #D59772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59772  
}
```

## Border

The CSS property to change the border of an element to Hex D59772 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  
#D59772 }
```

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

```
.border{ border-color:#D59772 }
```

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

Here you see how a box with a 4 pixel #D59772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59772; -webkit-box-shadow:4px 4px  
4px 4px #D59772; box-shadow:4px 4px 4px  
4px #D59772 }
```

# Background

The CSS property to change the background color of an element to Hex D59772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59772 }
```

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

```
.background{ background-color:#D59772 }
```

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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