

# Converting Colors

Hex(D97900)

Have a look what the booklet for  
Hex(D97900) contains.

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**Color**

**Hex(D97900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D97900
RGB	217, 121, 0
RGB Percent	85%, 47%, 0%
CMY	0.1490, 0.5255, 1.0000
CMYK	0.00, 0.44, 1.00, 0.15
HSL	33°, 100%, 43%
HSV	33°, 100%, 85%
XYZ	35.4526, 28.4265, 3.6183
YIQ	135.9100, 96.0570, -17.2790

# Conversions

## Conversions Part 2

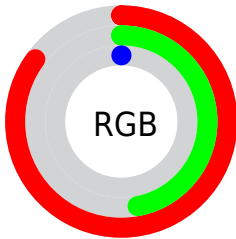
Format	Color
R <sub>Y</sub> B	172, 217, 0
Decimal	14252288
CIE Lab	60.27, 31.16, 67.20
CIE LCh	60, 74.077, 65.123
Yxy	28.4265, 0.5252, 0.4211
Android (android.graphics.Color)	4292442368 (0xFFD97900)
YUV	135.9100, -67.0036, 71.1159
Hunter-Lab	53.3165, 25.3893, 33.2978

# Details

The Hex color **D97900** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0060D9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFAE45**, and **9B4700** is the 20% darker color. If you saturate the color by 10%, you get **D97900**, and if you desaturate by 10%, it is **D98316**.

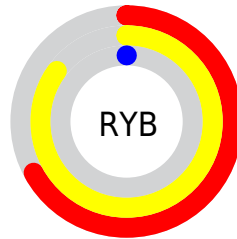
# Distribution



Red (85%)

Green (47%)

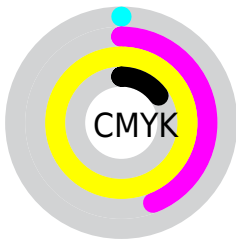
Blue (0%)



Red (67%)

Yellow (85%)

Blue (0%)

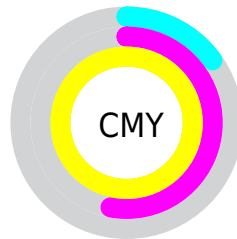


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D97900 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 D97900 by changing the saturation by 10% instead.



 D97900

 D97900

FFFFFF

 BA6000

 FFAE45

 9B4700

 FFCA60

 7D2F00

 FFE67B

 5F1700

 FFFF97

 430000

 FFFFB3

 2C0001

 FFFFCE

 000000

 FFFFEC

 D97900

 D98316

 D98C2B

 D99641

 D99F57

 D9A96D

 D9B382

 D9BC98

 D9C6AE

 D9CFC3

# Harmonies

## Analogous

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



FC5A4A



D97900



A49200

# Triad

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



D97900



00AF9B



9E7AFD

# Complementary

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



D97900



0060D9

# 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.



0096FF



D97900



00AEDB

# Square

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



D97900



00AB57



00A6FF



E759CA

# Rectangle

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



D97900



799E00



00A6FF



7785FF



# Sweetspot

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



D97900



FFDDB3



D90062



806B52



000000



808080



# Same Dimension

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



D97900



FF8E00



CED900



6E6963



AD6100



2E1A00



# Inverse Universe

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



0060D9



0071FF



0B00D9



63686E



004DAD



00142E



# Previews

## White Background



This preview shows how the Hex color D97900 looks on a white background.

## Color Contrast Check

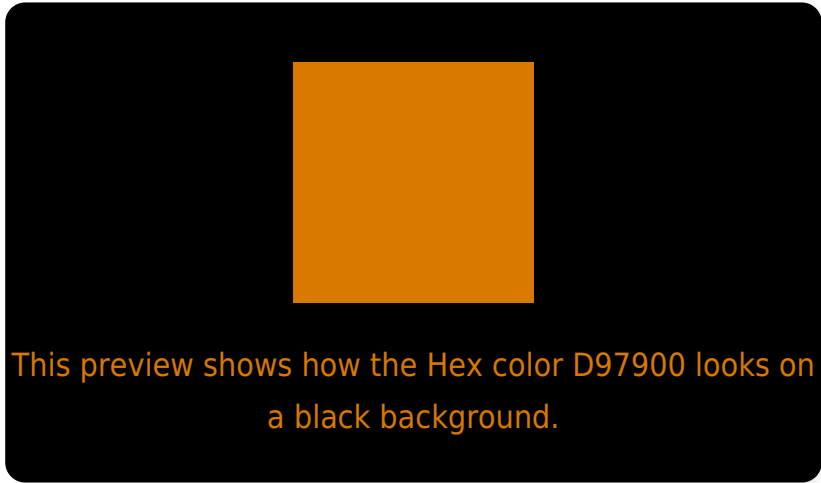
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex D97900 Background



This preview shows how black text looks on a background with the Hex color D97900.



This preview shows how white text looks on a background with the Hex color D97900.

# 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



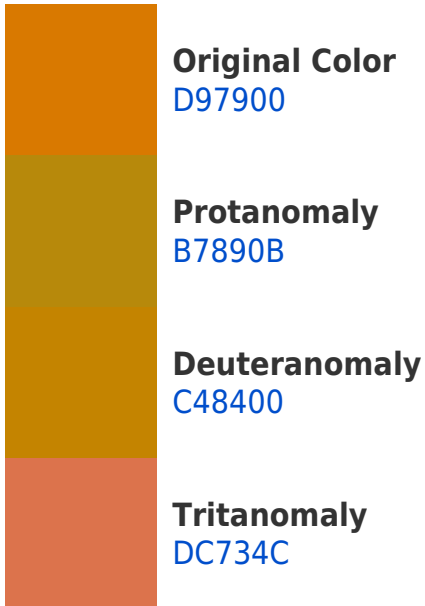
**Original Color**  
D97900

**Protanopia**  
A49212

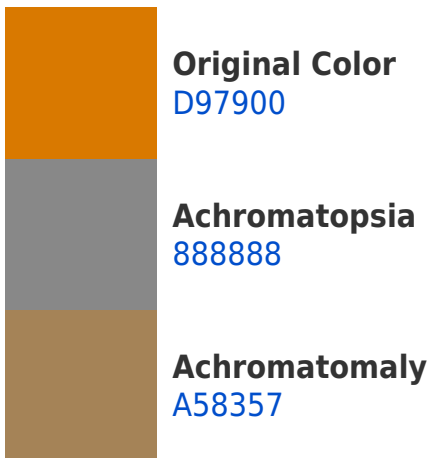
**Deuteranopia**  
B88A00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D97900 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 #D97900 looks like.

```
.text, #text, p{  
    color:#D97900  
}
```

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 #D97900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D97900
}
```

## Border

The CSS property to change the border of an element to Hex D97900 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
#D97900 }
```

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

```
.border{ border-color:#D97900 }
```

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

Here you see how a box with a 4 pixel #D97900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D97900; -webkit-box-shadow:4px 4px  
4px 4px #D97900; box-shadow:4px 4px 4px  
4px #D97900 }
```

# Background

The CSS property to change the background color of an element to Hex D97900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D97900 }
```

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

```
.background{ background-color:#D97900 }
```

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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