

# Converting Colors

Hex(D97A35)

Have a look what the booklet for  
Hex(D97A35) contains.

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**Color**

**Hex(D97A35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D97A35
RGB	217, 122, 53
RGB Percent	85%, 48%, 21%
CMY	0.1490, 0.5216, 0.7922
CMYK	0.00, 0.44, 0.76, 0.15
HSL	25°, 68%, 53%
HSV	25°, 76%, 85%
XYZ	36.2174, 28.9278, 7.0429
YIQ	142.5390, 78.7690, -1.3190

# Conversions

## Conversions Part 2

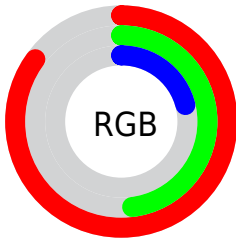
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 172, 53
Decimal	14252597
CIE <sub>Lab</sub>	60.72, 31.81, 51.99
CIE <sub>LCh</sub>	61, 60.948, 58.539
Yxy	28.9278, 0.5017, 0.4007
Android (android.graphics.Color)	4292442677 (0xFFD97A35)
YUV	142.5390, -44.1427, 65.3023
Hunter-Lab	53.7846, 26.0751, 29.8854

# Details

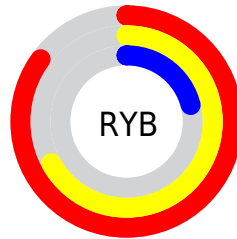
The Hex color **D97A35** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3594D9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAF68**, and **9C4800** is the 20% darker color. If you saturate the color by 10%, you get **D96D1F**, and if you desaturate by 10%, it is **D9874B**.

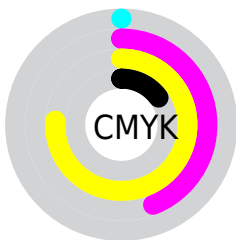
# Distribution



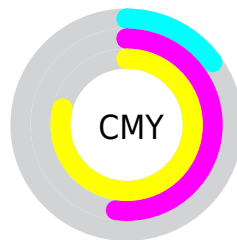
- Red (85%)
- Green (48%)
- Blue (21%)



- Red (85%)
- Yellow (67%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (76%)
- Black (15%)



- Cyan (15%)
- Magenta (52%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D97A35 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 D97A35 by changing the saturation by 10% instead.



 D97A35

 D97A35

FFFFFF

 BA611B

 FFAF68

 9C4800

 FFCB82

 7F3000

 FFE79D

 611800

 FFFFB8

 450000

 FFFFD4

 2D0001

 FFFFF1

 000000

 D97A35

 D97A35

 D96D1F

 D9874B

 D9610A

 D99360

 D95B00

 D9A076

 D9AC8C

 D9B9A2

 D9C5B7

 D9D2CD

 D9DFE3

 D9EBF8

# Harmonies

## Analogous

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



F16562



D97A35



B08F17

# Triad

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



D97A35



00AC8E



8D85F1

# Complementary

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



D97A35



3594D9

# 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.



0099FE



D97A35



00ABC4

# Square

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



D97A35



27A757



00A6EE



D16ECB

# Rectangle

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



D97A35



8E9A1E



00A6EE



6B8DF9

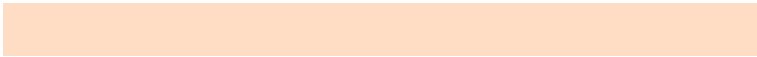


# Sweetspot

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



D97A35



FFDDC4



D93595



806B5C



000000



808080



# Same Dimension

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



D97A35



FF7917



D9CB35



6E6763



AD4900



2E1300

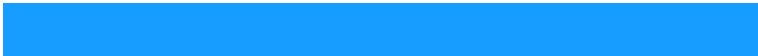


# Inverse Universe

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



3594D9



179DFF



3543D9



63696E



0064AD



001B2E



# Previews

## White Background



This preview shows how the Hex color D97A35 looks on a white background.

## Color Contrast Check

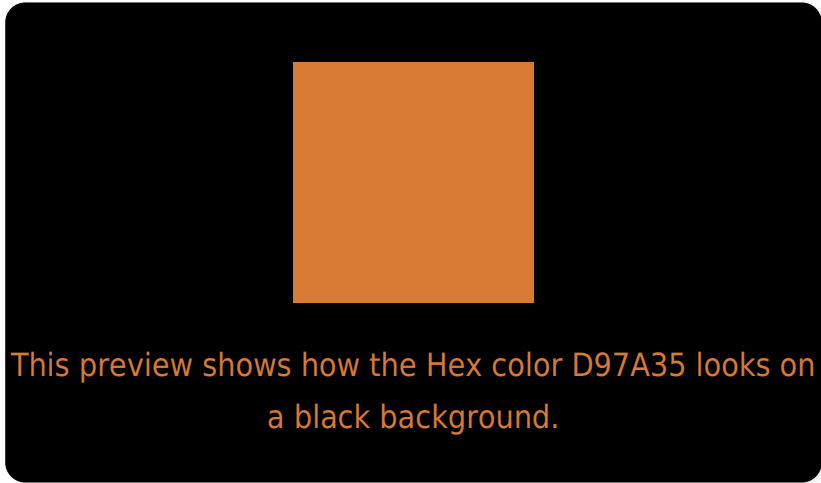
Large Text (above 18pt) WCAG AA ✓ Pass

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 D97A35 Background



This preview shows how black text looks on a background with the Hex color D97A35.



This preview shows how white text looks on a background with the Hex color D97A35.

# 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**  
D97A35

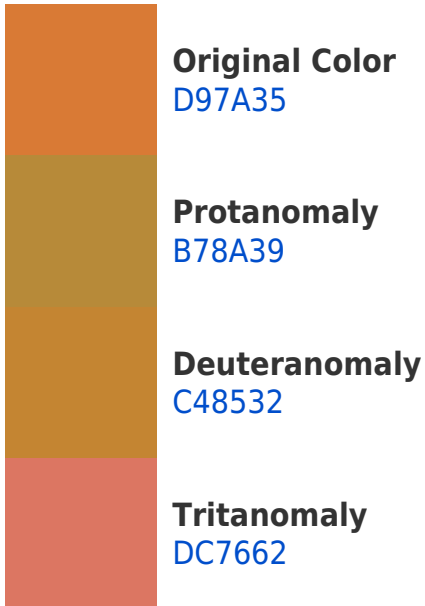
**Protanopia**  
A4933C

**Deuteranopia**  
B88C30

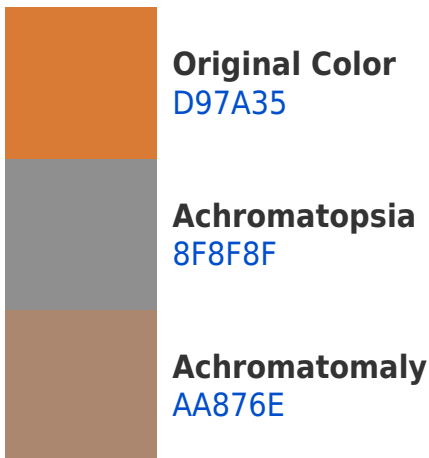


**Tritanopia**  
DD737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D97A35 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 #D97A35 looks like.

```
.text, #text, p{  
    color:#D97A35  
}
```

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 #D97A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D97A35
}
```

## Border

The CSS property to change the border of an element to Hex D97A35 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
#D97A35 }
```

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

```
.border{ border-color:#D97A35 }
```

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

Here you see how a box with a 4 pixel #D97A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D97A35; -webkit-box-shadow:4px 4px  
4px 4px #D97A35; box-shadow:4px 4px 4px  
4px #D97A35 }
```

# Background

The CSS property to change the background color of an element to Hex D97A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D97A35 }
```

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

```
.background{ background-color:#D97A35 }
```

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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