

# Converting Colors

Hex(D37906)

Have a look what the booklet for  
Hex(D37906) contains.

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**Color**

**Hex(D37906)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37906
RGB	211, 121, 6
RGB Percent	83%, 47%, 2%
CMY	0.1725, 0.5255, 0.9765
CMYK	0.00, 0.43, 0.97, 0.17
HSL	34°, 94%, 43%
HSV	34°, 97%, 83%
XYZ	33.7342, 27.5368, 3.7094
YIQ	134.8000, 90.5550, -16.6850

# Conversions

## Conversions Part 2

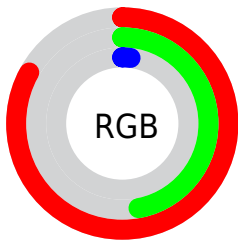
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 211, 6
Decimal	13859078
CIE Lab	59.47, 28.72, 65.28
CIE LCh	59, 71.318, 66.256
Yxy	27.5368, 0.5191, 0.4238
Android (android.graphics.Color)	4292049158 (0xFFD37906)
YUV	134.8000, -63.4984, 66.8274
Hunter-Lab	52.4755, 22.9178, 32.5417

# Details

The Hex color **D37906** 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 **0660D3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFAE47**, and **964700** is the 20% darker color. If you saturate the color by 10%, you get **D37600**, and if you desaturate by 10%, it is **D3821B**.

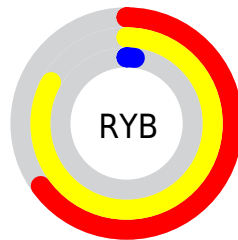
# Distribution



Red (83%)

Green (47%)

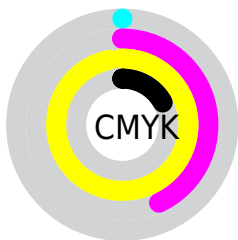
Blue (2%)



Red (65%)

Yellow (83%)

Blue (2%)

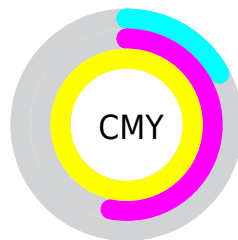


Cyan (0%)

Magenta (43%)

Yellow (97%)

Black (17%)



Cyan (17%)

Magenta (53%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37906 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 D37906 by changing the saturation by 10% instead.



 D37906

 D37906

FFFFFF

 B46000

 FFAE47

 964700

 FFC962

 783000

 FFE67D

 5B1900

 FFFF98

 3F0100

 FFFFB4

 280001

 FFFFD1

 000000

 FFFFEE

 D37906

 D37906

 D37600

 D3821B

 D38C30

 D39545

 D39E5A

 D3A770

 D3B185

 D3BA9A

 D3C3AF

 D3CCC4

# Harmonies

## Analogous

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



F55C48



D37906



A09100

# Triad

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



D37906



00AC9B



A078F5

# Complementary

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



D37906



0660D3

# 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.



0093FF



D37906



00AAD8

# Square

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



D37906



00A85A



00A3FF



E459C3

# Rectangle

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



D37906



769C00



00A3FF



7C82FF



# Sweetspot

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



D37906



FFDFB5



D30662



806C53



000000



808080



# Same Dimension

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



D37906



FF8F00



C9D306



69645E



A85E00



291700



# Inverse Universe

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



0660D3



0070FF



1006D3



5E6369



004AA8



001229



# Previews

## White Background



This preview shows how the Hex color D37906 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 D37906 Background



This preview shows how black text looks on a background with the Hex color D37906.



This preview shows how white text looks on a background with the Hex color D37906.

# 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**  
D37906

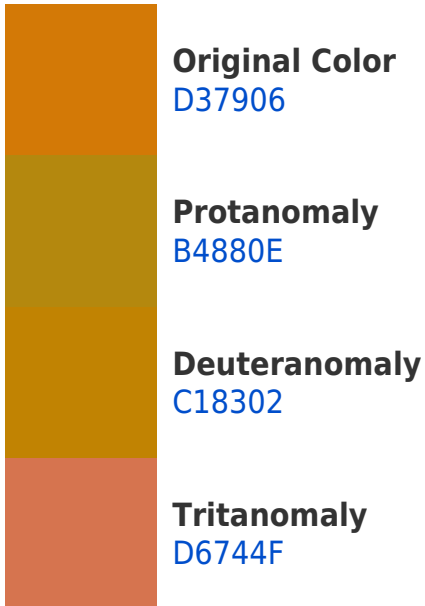
**Protanopia**  
A29012

**Deuteranopia**  
B68800

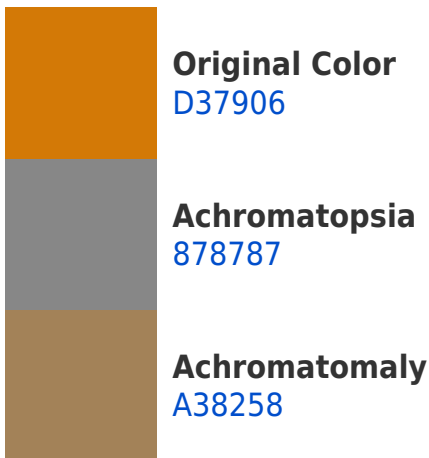


**Tritanopia**  
D77179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37906 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 #D37906 looks like.

```
.text, #text, p{  
    color:#D37906  
}
```

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 #D37906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37906  
}
```

## Border

The CSS property to change the border of an element to Hex D37906 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  
#D37906 }
```

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

```
.border{ border-color:#D37906 }
```

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

Here you see how a box with a 4 pixel #D37906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37906; -webkit-box-shadow:4px 4px  
4px 4px #D37906; box-shadow:4px 4px 4px  
4px #D37906 }
```

# Background

The CSS property to change the background color of an element to Hex D37906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37906 }
```

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

```
.background{ background-color:#D37906 }
```

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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