

# Converting Colors

Hex(D37422)

Have a look what the booklet for  
Hex(D37422) contains.

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**Color**

**Hex(D37422)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37422
RGB	211, 116, 34
RGB Percent	83%, 45%, 13%
CMY	0.1725, 0.5451, 0.8667
CMYK	0.00, 0.45, 0.84, 0.17
HSL	28°, 72%, 48%
HSV	28°, 84%, 83%
XYZ	33.3981, 26.4552, 4.8595
YIQ	135.0570, 82.9420, -5.3620

# Conversions

## Conversions Part 2

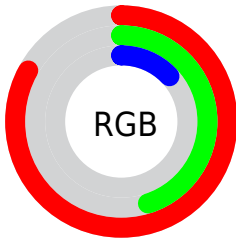
Format	Color
<a href="#">RYB</a>	<a href="#">211, 187, 34</a>
Decimal	<a href="#">13857826</a>
CIELab	<a href="#">58.47, 31.85, 57.45</a>
CIElCh	<a href="#">58, 65.688, 60.994</a>
Yxy	<a href="#">26.4552, 0.5161, 0.4088</a>
Android (android.graphics.Color)	<a href="#">4292047906 (0xFFD37422)</a>
YUV	<a href="#">135.0570, -49.8211, 66.6020</a>
Hunter-Lab	<a href="#">51.4346, 25.8952, 30.4026</a>

# Details

The Hex color **D37422** 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 **2281D3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA957**, and **964200** is the 20% darker color. If you saturate the color by 10%, you get **D3690D**, and if you desaturate by 10%, it is **D37F37**.

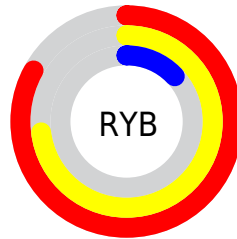
# Distribution



Red (83%)

Green (45%)

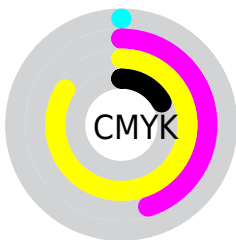
Blue (13%)



Red (83%)

Yellow (73%)

Blue (13%)

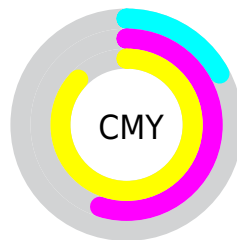


Cyan (0%)

Magenta (45%)

Yellow (84%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37422 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 D37422 by changing the saturation by 10% instead.



 D37422

 D37422

FFFFFF

 B45B00

 FFA957

 964200

 FFC471

 782A00

 FFE18B

 5B1200

 FFFDA7

 3F0000

 FFFF02

 270001

 FFFFDF

 000000

 FFFF0C

 D37422

 D37422

 D3690D

 D37F37

 D36200

 D38B4C

 D39661

 D3A176

 D3AD8C

 D3B8A1

 D3C3B6

 D3CFCB

 D3DAE0

# Harmonies

## Analogous

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



EF5B55



D37422



A68B00

# Triad

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



D37422



00A78D



8D7CF0

# Complementary

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



D37422



2281D3

# 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



D37422



00A6C7

# Square

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



D37422



00A351



00A1F1



D361C5

# Rectangle

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



D37422



819602



00A1F1



6885F9



# Sweetspot

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



D37422



FFDDBF



D32283



806B59



000000



808080



# Same Dimension

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



D37422



FF7600



D3CA22



69635E



A84E00



291300



# Inverse Universe

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



2281D3



0089FF



222BD3



5E6469



005AA8



001629



# Previews

## White Background



This preview shows how the Hex color D37422 looks on a white background.

## Color Contrast Check

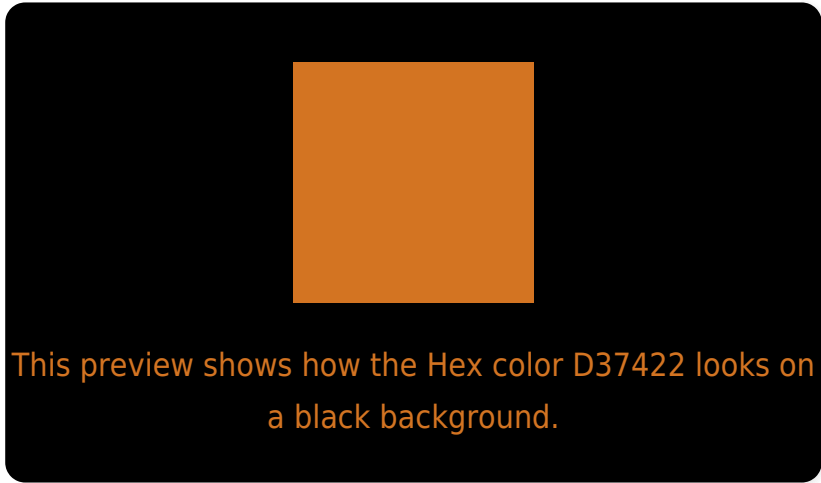
Large Text (above 18pt) WCAG AA ✓ Pass

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 D37422 Background



This preview shows how black text looks on a background with the Hex color D37422.



This preview shows how white text looks on a background with the Hex color D37422.

# 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**  
D37422

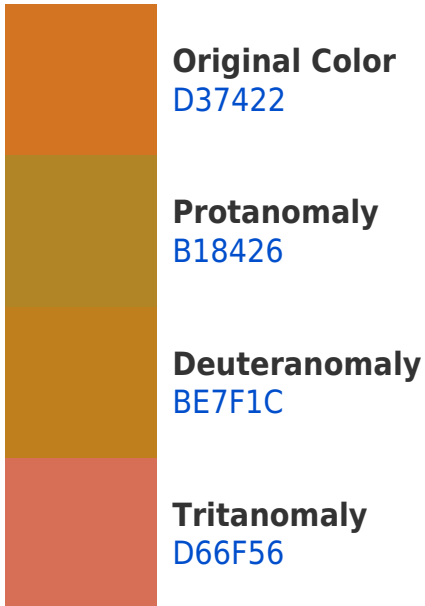
**Protanopia**  
9E8D28

**Deuteranopia**  
B28619

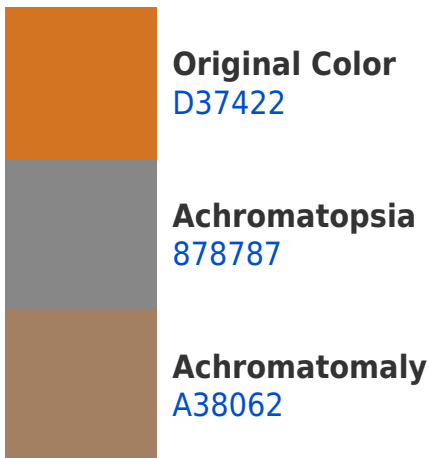


**Tritanopia**  
D76C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37422 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 #D37422 looks like.

```
.text, #text, p{  
    color:#D37422  
}
```

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 #D37422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37422
}
```

## Border

The CSS property to change the border of an element to Hex D37422 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
#D37422 }
```

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

```
.border{ border-color:#D37422 }
```

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

Here you see how a box with a 4 pixel #D37422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37422; -webkit-box-shadow:4px 4px  
4px 4px #D37422; box-shadow:4px 4px 4px  
4px #D37422 }
```

# Background

The CSS property to change the background color of an element to Hex D37422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37422 }
```

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

```
.background{ background-color:#D37422 }
```

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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