

# Converting Colors

Hex(D37F35)

Have a look what the booklet for  
Hex(D37F35) contains.

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# Color

Hex(D37F35)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37F35
RGB	211, 127, 53
RGB Percent	83%, 50%, 21%
CMY	0.1725, 0.5020, 0.7922
CMYK	0.00, 0.40, 0.75, 0.17
HSL	28°, 64%, 52%
HSV	28°, 75%, 83%
XYZ	35.0959, 29.2847, 7.1709
YIQ	143.6800, 73.8180, -5.2060

# Conversions

## Conversions Part 2

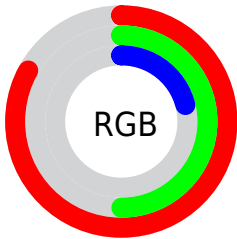
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 192, 53
Decimal	13860661
CIE <sub>Lab</sub>	61.03, 26.67, 52.05
CIE <sub>LCh</sub>	61, 58.484, 62.864
Yxy	29.2847, 0.4905, 0.4093
Android (android.graphics.Color)	4292050741 (0xFFD37F35)
YUV	143.6800, -44.7052, 59.0396
Hunter-Lab	54.1153, 21.0626, 30.0241

# Details

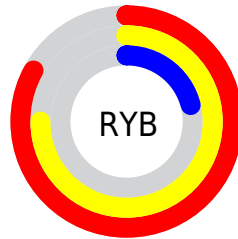
The Hex color **D37F35** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3589D3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB468**, and **974D00** is the 20% darker color. If you saturate the color by 10%, you get **D37420**, and if you desaturate by 10%, it is **D38A4A**.

# Distribution



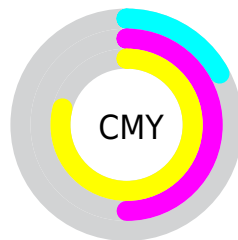
- Red (83%)
- Green (50%)
- Blue (21%)



- Red (83%)
- Yellow (75%)
- Blue (21%)



- Cyan (0%)
- Magenta (40%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (50%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37F35 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 D37F35 by changing the saturation by 10% instead.



 D37F35

 D37F35

FFFFFF

 B5661B

 FFB468

 974D00

 FFD082

 7A3500

 FFEC9D

 5D1F00

 FFFFB8

 410700

 FFFF D5

 2A0001

 FFFFF1

 000000

 D37F35

 D37F35

 D37420

 D38A4A

 D3690B

 D3955F

 D36300

 D3A174

 D3AC89

 D3B79F

 D3C2B4

 D3CEC9

 D3D9DE

 D3E4F3

# Harmonies

## Analogous

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



ED6B5E



D37F35



AA9220

# Triad

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



D37F35



00AC97



9B83EB

# Complementary

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



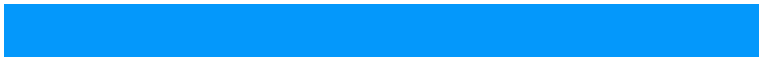
D37F35



3589D3

# 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.



0498FB



D37F35



00ABCA

# Square

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



D37F35



19A962



00A5EF



D66EC3

# Rectangle

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



D37F35



889C2A



00A5EF



7E8BF3

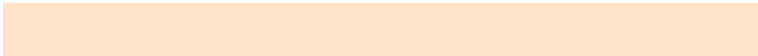


# Sweetspot

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



D37F35



FFE1C7



D33589



806E5E



000000



808080



# Same Dimension

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



D37F35



FF8519



D3CE35



69635E



A84F00



291300

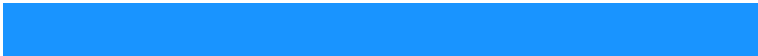


# Inverse Universe

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



3589D3



1994FF



353AD3



5E6469



0059A8



001629



# Previews

## White Background



This preview shows how the Hex color D37F35 looks on a white background.

## Color Contrast Check

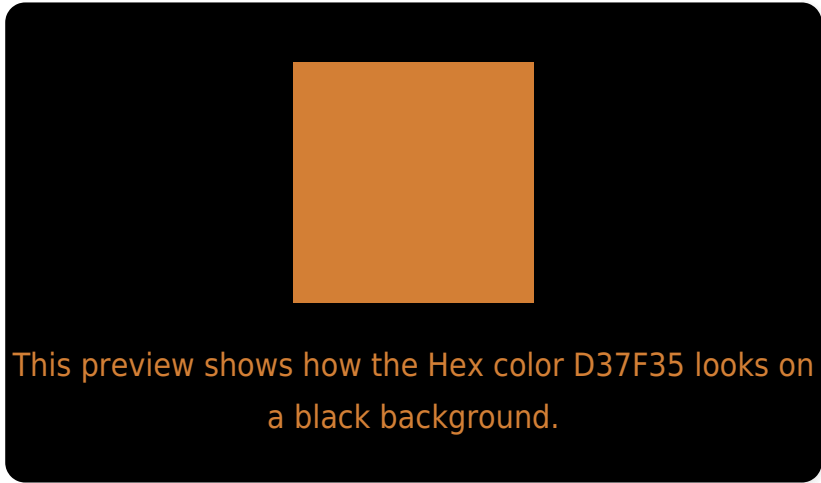
Large Text (above 18pt) WCAG AA ✓ Pass

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

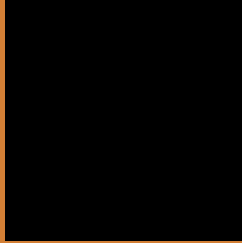
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D37F35 Background



This preview shows how black text looks on a background with the Hex color D37F35.



This preview shows how white text looks on a background with the Hex color D37F35.

# 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**  
D37F35

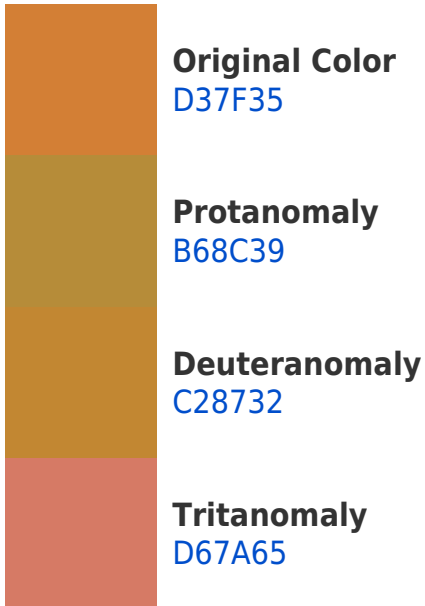
**Protanopia**  
A5943B

**Deuteranopia**  
B98C31

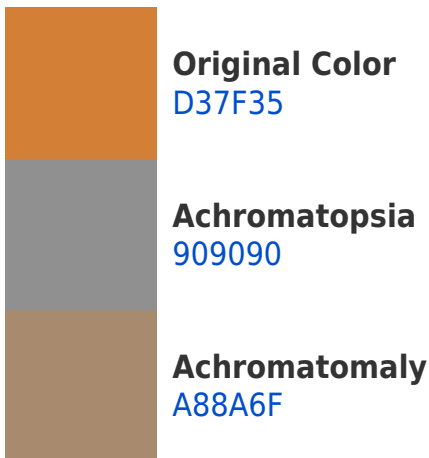


**Tritanopia**  
D77780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37F35 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 #D37F35 looks like.

```
.text, #text, p{  
    color:#D37F35  
}
```

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 #D37F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37F35
}
```

## Border

The CSS property to change the border of an element to Hex D37F35 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
#D37F35 }
```

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

```
.border{ border-color:#D37F35 }
```

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

Here you see how a box with a 4 pixel #D37F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37F35; -webkit-box-shadow:4px 4px  
4px 4px #D37F35; box-shadow:4px 4px 4px  
4px #D37F35 }
```

# Background

The CSS property to change the background color of an element to Hex D37F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37F35 }
```

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

```
.background{ background-color:#D37F35 }
```

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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