

# Converting Colors

Hex(D67737)

Have a look what the booklet for  
Hex(D67737) contains.

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**Color**

**Hex(D67737)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D67737
RGB	214, 119, 55
RGB Percent	84%, 47%, 22%
CMY	0.1608, 0.5333, 0.7843
CMYK	0.00, 0.44, 0.74, 0.16
HSL	24°, 66%, 53%
HSV	24°, 74%, 84%
XYZ	35.0180, 27.7656, 7.1281
YIQ	140.1090, 77.1640, 0.2360

# Conversions

## Conversions Part 2

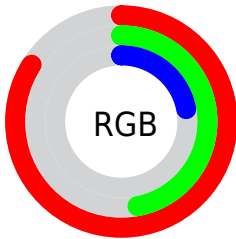
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 162, 55
Decimal	14055223
CIE <sub>Lab</sub>	59.68, 32.25, 49.87
CIE <sub>LCh</sub>	60, 59.391, 57.108
Yxy	27.7656, 0.5009, 0.3972
Android (android.graphics.Color)	4292245303 (0xFFD67737)
YUV	140.1090, -41.9587, 64.8024
Hunter-Lab	52.6931, 26.4119, 28.8647

# Details

The Hex color **D67737** 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 **3796D6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAC69**, and **994500** is the 20% darker color. If you saturate the color by 10%, you get **D66A22**, and if you desaturate by 10%, it is **D6844C**.

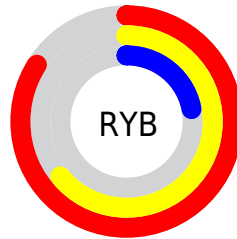
# Distribution



Red (84%)

Green (47%)

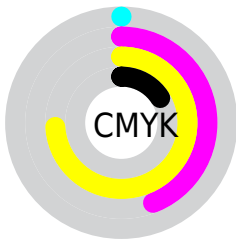
Blue (22%)



Red (84%)

Yellow (64%)

Blue (22%)

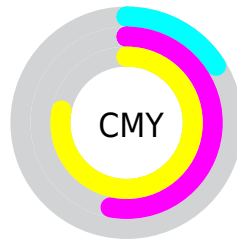


Cyan (0%)

Magenta (44%)

Yellow (74%)

Black (16%)



Cyan (16%)

Magenta (53%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D67737 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 D67737 by changing the saturation by 10% instead.



 D67737

 D67737

FFFFFF

 B75E1E

 FFAC69

 994500

 FFC883

 7C2D00

 FFE49E

 5F1400

 FFFFBA

 420000

 FFFFD6

 2B0001

 FFFFF2

 000000

 D67737

 D67737

 D66A22

 D6844C

 D65D0C

 D69162

 D65600

 D69D77

 D6AA8D

 D6B7A2

 D6C4B7

 D6D1CD

 D6DDE2

 D6EAF8

# Harmonies

## Analogous

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



EC6363



D67737



AF8B1A

# Triad

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



D67737



00A889



8784ED

# Complementary

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



D67737



3796D6

# 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.



0097F8



D67737



00A8BE

# Square

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



D67737



2FA454



00A3E7



CA6DC9

# Rectangle

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



D67737



8E961F



00A3E7



648BF4



# Sweetspot

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



D67737



FFDDC7



D63796



806C5E



000000



808080



# Same Dimension

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



D67737



FF771C



D6C637



6B6560



AB4500



2B1100



# Inverse Universe

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



3796D6



1CA4FF



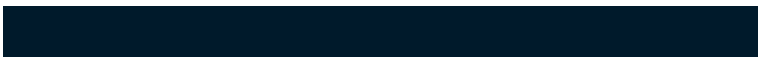
3747D6



60676B



0066AB

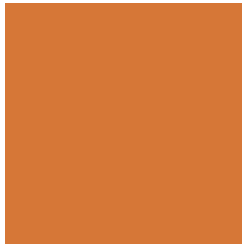


001A2B



# Previews

## White Background



This preview shows how the Hex color D67737 looks on a white background.

## Color Contrast Check

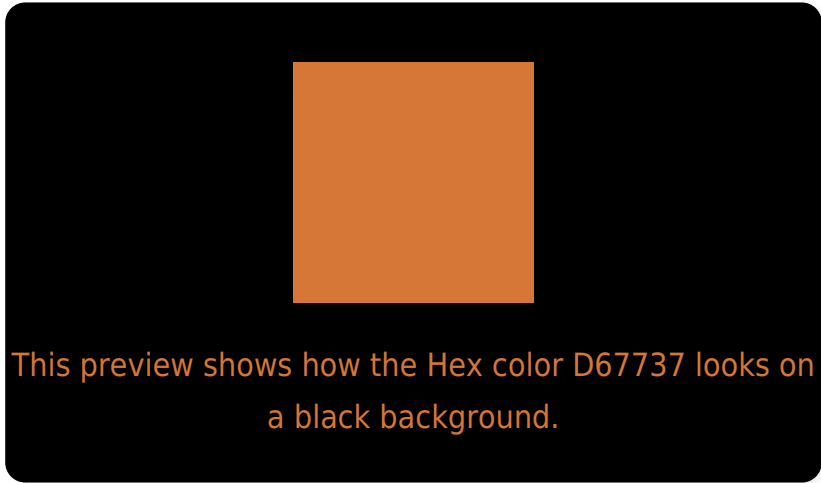
Large Text (above 18pt) WCAG AA ✓ Pass

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

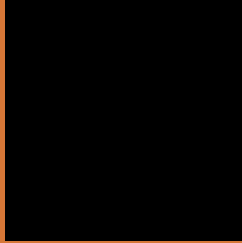
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D67737 Background



This preview shows how black text looks on a background with the Hex color D67737.



This preview shows how white text looks on a background with the Hex color D67737.

# 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**  
D67737

**Protanopia**  
A0903E

**Deuteranopia**  
B48932



**Tritanopia**  
D97078

# Trichromacy



**Original Color**  
D67737

**Protanomaly**  
B4873B

**Deuteranomaly**  
C08234

**Tritanomaly**  
D87360

# Monochromacy



**Original Color**  
D67737

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
A7846D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D67737 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 #D67737 looks like.

```
.text, #text, p{  
    color:#D67737  
}
```

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 #D67737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67737
}
```

## Border

The CSS property to change the border of an element to Hex D67737 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
#D67737 }
```

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

```
.border{ border-color:#D67737 }
```

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

Here you see how a box with a 4 pixel #D67737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67737; -webkit-box-shadow:4px 4px  
4px 4px #D67737; box-shadow:4px 4px 4px  
4px #D67737 }
```

# Background

The CSS property to change the background color of an element to Hex D67737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67737 }
```

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

```
.background{ background-color:#D67737 }
```

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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