

# Converting Colors

Hex(C37D53)

Have a look what the booklet for  
Hex(C37D53) contains.

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**Color**

**Hex(C37D53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37D53
RGB	195, 125, 83
RGB Percent	76%, 49%, 33%
CMY	0.2353, 0.5098, 0.6745
CMYK	0.00, 0.36, 0.57, 0.24
HSL	22°, 48%, 55%
HSV	22°, 57%, 76%
XYZ	31.4006, 26.8939, 11.7197
YIQ	141.1420, 55.2020, 1.7780

# Conversions

## Conversions Part 2

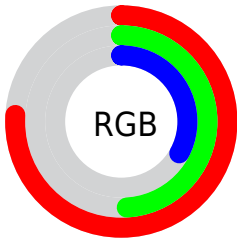
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 150, 83
Decimal	12811603
CIELab	58.88, 22.91, 33.96
CIElCh	59, 40.964, 55.997
Yxy	26.8939, 0.4485, 0.3841
Android (android.graphics.Color)	4291001683 (0xFFC37D53)
YUV	141.1420, -28.6640, 47.2335
Hunter-Lab	51.8593, 17.3274, 22.9026

# Details

The Hex color **C37D53** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5399C3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB285**, and **8A4B24** is the 20% darker color. If you saturate the color by 10%, you get **C37140**, and if you desaturate by 10%, it is **C38967**.

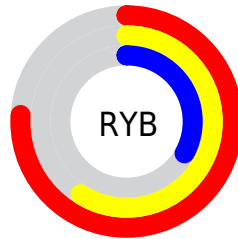
# Distribution



Red (76%)

Green (49%)

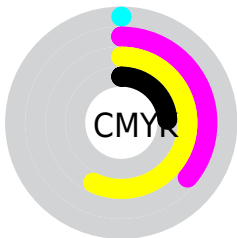
Blue (33%)



Red (76%)

Yellow (59%)

Blue (33%)

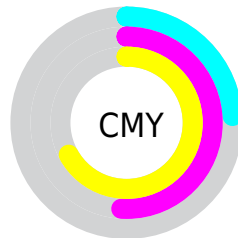


Cyan (0%)

Magenta (36%)

Yellow (57%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37D53 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 C37D53 by changing the saturation by 10% instead.



 C37D53

 C37D53

FFFFFF

 A6643B

 FF285

 8A4B24

 FFCEA0

 6E340E

 FFEABB

 531E00

 FFFFD7

 380700

 FFFFF3

 200001

 000000

 C37D53

 C37D53

 C37140

 C38967

 C3652C

 C3957A

 C35818

 C3A28E

 C34C05

 C3AEA1

 C34900

 C3BAB5

 C3C6C8

 C3D2DB

 C3DEEF

 C3EBFF

# Harmonies

## Analogous

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



D17270



C37D53



A88A44

# Triad

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



C37D53



06A087



8986CE

# Complementary

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



C37D53



5399C3

# 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.



4593D5



C37D53



00A0AC

# Square

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



C37D53



599C64



009CC8



B679B6

# Rectangle

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



C37D53



919246



009CC8



768BD3

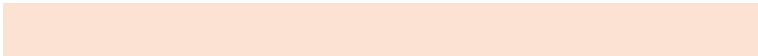


# Sweetspot

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



C37D53



FCE2D2



C3539A



807066



000000



808080



# Same Dimension

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



C37D53



FC904E



C3B453



615B57



A13C00



210C00



# Inverse Universe

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



5399C3



4EBBFC



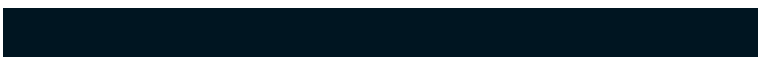
5362C3



575D61



0064A1



001521



# Previews

## White Background



This preview shows how the Hex color C37D53 looks on a white background.

## Color Contrast Check

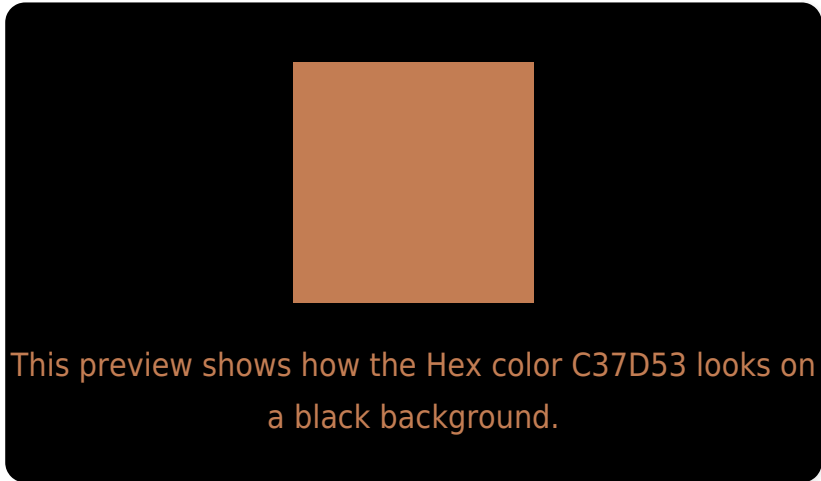
Large Text (above 18pt) WCAG AA ✓ Pass

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

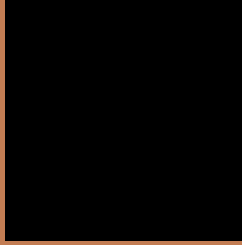
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C37D53 Background



This preview shows how black text looks on a background with the Hex color C37D53.



This preview shows how white text looks on a background with the Hex color C37D53.

# 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**  
C37D53

**Protanopia**  
9B8E59

**Deuteranopia**  
AD8851



**Tritanopia**  
C67780

# Trichromacy



**Original Color**  
C37D53

**Protanomaly**  
AA8857

**Deuteranomaly**  
B58452

**Tritanomaly**  
C57970

# Monochromacy



**Original Color**  
C37D53

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
A18778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37D53 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 #C37D53 looks like.

```
.text, #text, p{  
    color:#C37D53  
}
```

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 #C37D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37D53
}
```

## Border

The CSS property to change the border of an element to Hex C37D53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

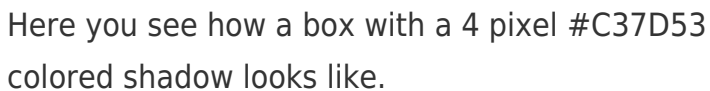
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C37D53 }
```

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

```
.border{ border-color:#C37D53 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C37D53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37D53; -webkit-box-shadow:4px 4px  
4px 4px #C37D53; box-shadow:4px 4px 4px  
4px #C37D53 }
```

# Background

The CSS property to change the background color of an element to Hex C37D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37D53 }
```

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

```
.background{ background-color:#C37D53 }
```

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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