

Converting Colors

Hex(CD6E37)

Have a look what the booklet for
Hex(CD6E37) contains.

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Color

Hex(CD6E37)

Conversions

Conversions Part 1

Format	Color
Hex	CD6E37
RGB	205, 110, 55
RGB Percent	80%, 43%, 22%
CMY	0.1961, 0.5686, 0.7843
CMYK	0.00, 0.46, 0.73, 0.20
HSL	22°, 60%, 51%
HSV	22°, 73%, 80%
XYZ	31.4424, 24.4068, 6.6682
YIQ	132.1350, 74.2750, 3.0350

Conversions

Conversions Part 2

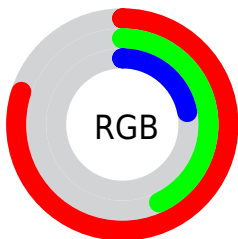
Format	Color
R_{YB}	205, 142, 55
Decimal	13463095
CIE _{Lab}	56.49, 33.33, 46.15
CIE _{LCh}	56, 56.933, 54.162
Yxy	24.4068, 0.5029, 0.3904
Android (android.graphics.Color)	4291653175 (0xFFCD6E37)
YUV	132.1350, -38.0276, 63.9026
Hunter-Lab	49.4033, 27.1493, 26.5796

Details

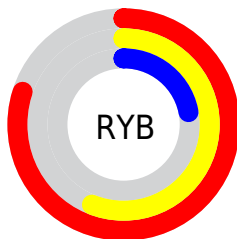
The Hex color **CD6E37** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3796CD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA369**, and **913C03** is the 20% darker color. If you saturate the color by 10%, you get **CD6123**, and if you desaturate by 10%, it is **CD7B4C**.

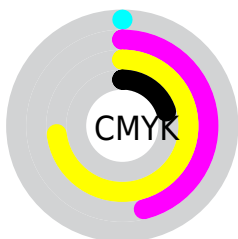
Distribution



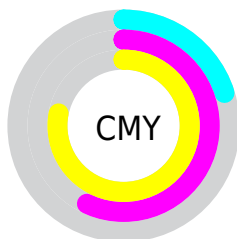
- Red (80%)
- Green (43%)
- Blue (22%)



- Red (80%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (20%)



- Cyan (20%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD6E37 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 CD6E37 by changing the saturation by 10% instead.

 CD6E37

 CD6E37

FFFFFF

 AF551F

 FFA369

 913C03

 FFBE82

 742400

 FFDA9D

 570900

 FFF7B8

 3B0000

 FFFFD4

 200001

 FFFFF1

 000000

 CD6E37

 CD6E37

 CD6123

 CD7B4C

 CD540E

 CD8860

 CD4B00

 CD9575

 CDA289

 CDAF9E

 CDBC B2

 CDC9C7

 CDD6DB

 CDE3F0

Harmonies

Analogous

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



E05C62



CD6E37



A98219

Triad

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



CD6E37



009E7C



767EE2

Complementary

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



CD6E37



3796CD

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.



0090EA



CD6E37



009FAF

Square

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



CD6E37



379A4A



009BD7



BA69C2

Rectangle

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



CD6E37



8B8C1A



009BD7



5285E8

Sweetspot

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



CD6E37



FFDBC7



CD3796



806B5E



000000



808080

Same Dimension

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



CD6E37



FF711F



CDB937



66605C



A63D00



260E00

Inverse Universe

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



3796CD



1FADFF



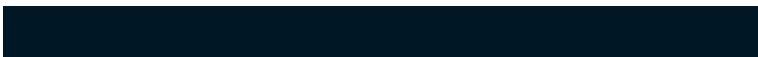
374BCD



5C6266



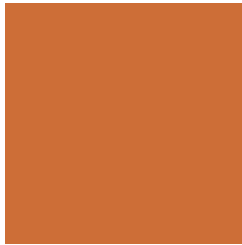
0069A6



001826

Previews

White Background



This preview shows how the Hex color CD6E37 looks on a white background.

Color Contrast Check

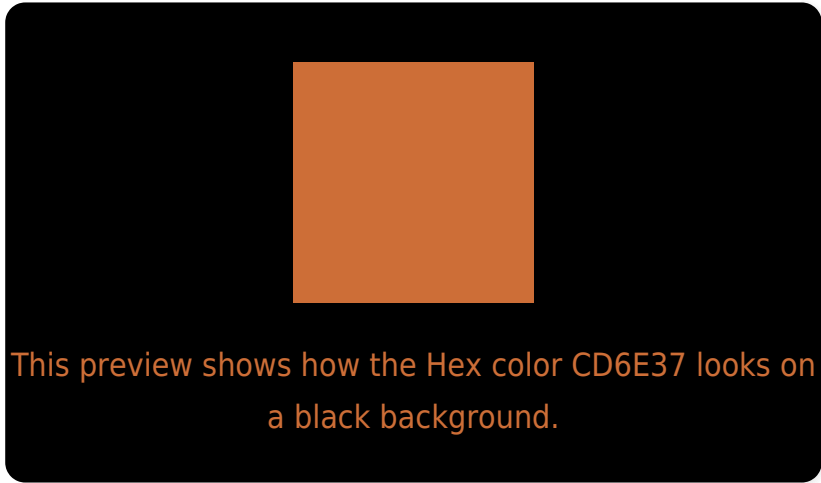
Large Text (above 18pt) WCAG AA ✓ Pass

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

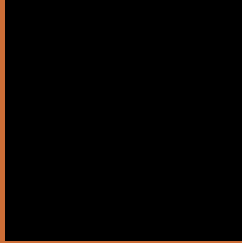
Any Text WCAG AA ✓ Pass

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 CD6E37 Background



This preview shows how black text looks on a background with the Hex color CD6E37.



This preview shows how white text looks on a background with the Hex color CD6E37.

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
CD6E37

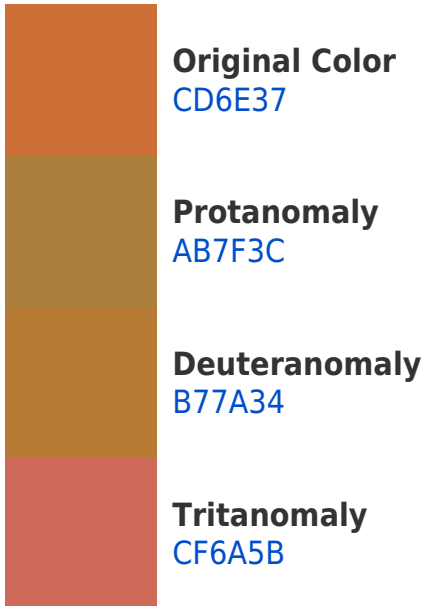
Protanopia
97883F

Deuteranopia
AA8132



Tritanopia
D0686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD6E37 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 #CD6E37 looks like.

```
.text, #text, p{  
    color:#CD6E37  
}
```

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 #CD6E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6E37  
}
```

Border

The CSS property to change the border of an element to Hex CD6E37 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  
#CD6E37 }
```

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

```
.border{ border-color:#CD6E37 }
```

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

Here you see how a box with a 4 pixel #CD6E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6E37; -webkit-box-shadow:4px 4px  
4px 4px #CD6E37; box-shadow:4px 4px 4px  
4px #CD6E37 }
```

Background

The CSS property to change the background color of an element to Hex CD6E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6E37 }
```

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

```
.background{ background-color:#CD6E37 }
```

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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