

Converting Colors

Hex(CD6C36)

Have a look what the booklet for
Hex(CD6C36) contains.

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Color

Hex(CD6C36)

Conversions

Conversions Part 1

Format	Color
Hex	CD6C36
RGB	205, 108, 54
RGB Percent	80%, 42%, 21%
CMY	0.1961, 0.5765, 0.7882
CMYK	0.00, 0.47, 0.74, 0.20
HSL	21°, 60%, 51%
HSV	21°, 74%, 80%
XYZ	31.2053, 23.9706, 6.4721
YIQ	130.8470, 75.1460, 3.7700

Conversions

Conversions Part 2

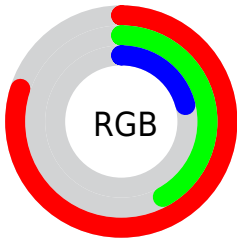
Format	Color
RYB	205, 138, 54
Decimal	13462582
CIELab	56.06, 34.34, 46.19
CIELCh	56, 57.550, 53.372
Yxy	23.9706, 0.5062, 0.3888
Android (android.graphics.Color)	4291652662 (0xFFCD6C36)
YUV	130.8470, -37.8856, 65.0322
Hunter-Lab	48.9598, 28.0900, 26.4341

Details

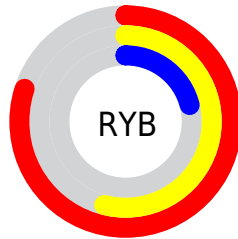
The Hex color **CD6C36** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3697CD**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA167**, and **913A03** is the 20% darker color. If you saturate the color by 10%, you get **CD5F22**, and if you desaturate by 10%, it is **CD794B**.

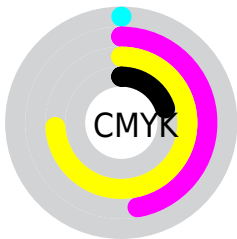
Distribution



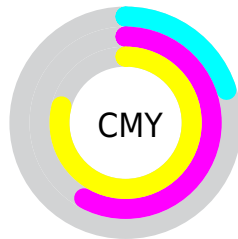
- Red (80%)
- Green (42%)
- Blue (21%)



- Red (80%)
- Yellow (54%)
- Blue (21%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD6C36 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 CD6C36 by changing the saturation by 10% instead.

 CD6C36

 CD6C36

FFFFFF

 AF531E

 FFA167

 913A03

 FFBC81

 742100

 FFD89C

 560600

 FFF5B7

 3B0000

 FFFFD3

 1F0001

 FFFFF0

 000000

 CD6C36

 CD6C36

 CD5F22

 CD794B

 CD520D

 CD865F

 CD4900

 CD9474

 CDA188

 CDAE9D

 CDBBB1

 CDC8C6

 CDD5DA

 CDE3EF

Harmonies

Analogous

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



E05A62



CD6C36



A98016

Triad

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



CD6C36



009D79



727EE3

Complementary

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



CD6C36



3697CD

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.



008FEA



CD6C36



009EAD

Square

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



CD6C36



379947



009AD6



B868C3

Rectangle

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



CD6C36



8B8B16



009AD6



4C84E8

Sweetspot

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



CD6C36



FFDBC7



CD3698



806A5E



000000



808080

Same Dimension

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



CD6C36



FF6F1F



CDB636



665F5C



A63B00



260E00

Inverse Universe

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



3697CD



1FAFFF



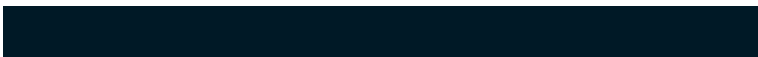
364DCD



5C6266



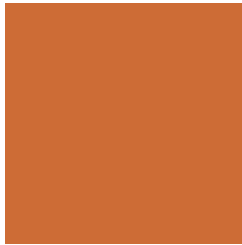
006AA6



001926

Previews

White Background



This preview shows how the Hex color CD6C36 looks on a white background.

Color Contrast Check

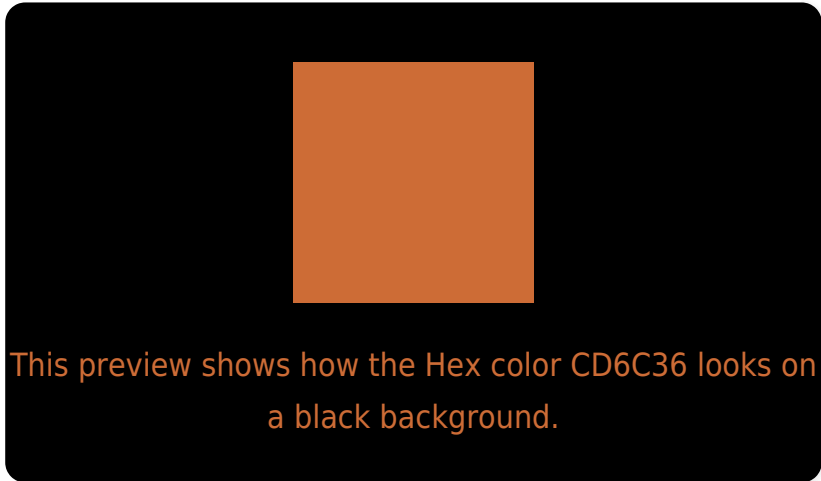
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD6C36 Background



This preview shows how black text looks on a background with the Hex color CD6C36.



This preview shows how white text looks on a background with the Hex color CD6C36.

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
CD6C36

Protanopia
96873E

Deuteranopia
A88031



Tritanopia
D0666D

Trichromacy



Original Color
CD6C36

Protanomaly
AA7D3B

Deuteranomaly
B57933

Tritanomaly
CF6859

Monochromacy



Original Color
CD6C36

Achromatopsia
838383

Achromatomaly
9E7B67

CSS Examples

Text

The CSS property to change the color of the text to Hex CD6C36 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 #CD6C36 looks like.

```
.text, #text, p{  
    color:#CD6C36  
}
```

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 #CD6C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6C36
}
```

Border

The CSS property to change the border of an element to Hex CD6C36 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
#CD6C36 }
```

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

```
.border{ border-color:#CD6C36 }
```

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

Here you see how a box with a 4 pixel #CD6C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6C36; -webkit-box-shadow:4px 4px  
4px 4px #CD6C36; box-shadow:4px 4px 4px  
4px #CD6C36 }
```

Background

The CSS property to change the background color of an element to Hex CD6C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6C36 }
```

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

```
.background{ background-color:#CD6C36 }
```

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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