

Converting Colors

Hex(CD6A32)

Have a look what the booklet for
Hex(CD6A32) contains.

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Color

Hex(CD6A32)

Conversions

Conversions Part 1

Format	Color
Hex	CD6A32
RGB	205, 106, 50
RGB Percent	80%, 42%, 20%
CMY	0.1961, 0.5843, 0.8039
CMYK	0.00, 0.48, 0.76, 0.20
HSL	22°, 61%, 50%
HSV	22°, 76%, 80%
XYZ	30.9066, 23.5175, 5.9280
YIQ	129.2170, 76.9800, 3.5720

Conversions

Conversions Part 2

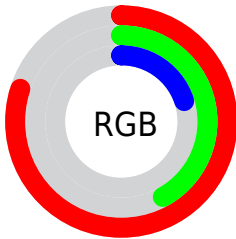
Format	Color
RYB	205, 138, 50
Decimal	13462066
CIELab	55.60, 35.20, 47.65
CIELCh	56, 59.241, 53.545
Yxy	23.5175, 0.5121, 0.3897
Android (android.graphics.Color)	4291652146 (0xFFCD6A32)
YUV	129.2170, -39.0540, 66.4617
Hunter-Lab	48.4948, 28.8952, 26.6988

Details

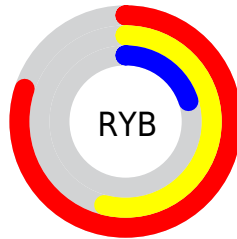
The Hex color **CD6A32** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3295CD**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9F64**, and **913800** is the 20% darker color. If you saturate the color by 10%, you get **CD5D1E**, and if you desaturate by 10%, it is **CD7746**.

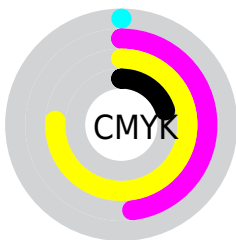
Distribution



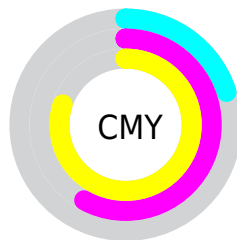
- Red (80%)
- Green (42%)
- Blue (20%)



- Red (80%)
- Yellow (54%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD6A32 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 CD6A32 by changing the saturation by 10% instead.

 CD6A32

 CD6A32

FFFFFF

 AF5119

 FF9F64

 913800

 FFBA7D

 731F00

 FFD698

 560300

 FFF3B3

 3A0000

 FFFFFC

 1E0001

 FFFFEB

 000000

 CD6A32

 CD6A32

 CD5D1E

 CD7746

 CD5009

 CD845B

 CD4A00

 CD9170

 CD9E84

 CDAB99

 CDB9AD

 CDC6C2

 CDD3D6

 CDE0EB

Harmonies

Analogous

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



E0575F



CD6A32



A87F0D

Triad

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



CD6A32



009D78



707CE4

Complementary

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



CD6A32



3295CD

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.



008EEC



CD6A32



009DAD

Square

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



CD6A32



309844



0099D7



B865C3

Rectangle

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



CD6A32



898A0D



0099D7



4783EA

Sweetspot

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



CD6A32



FFDAC4



CD3297



80695C



000000



808080

Same Dimension

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



CD6A32



FF6B17



CDB632



665F5C



A63C00



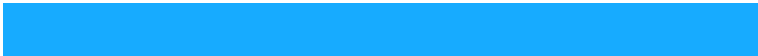
260E00

Inverse Universe

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



3295CD



17ABFF



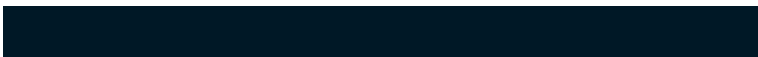
3249CD



5C6266



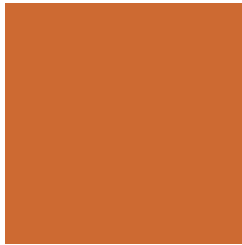
006AA6



001826

Previews

White Background



This preview shows how the Hex color CD6A32 looks on a white background.

Color Contrast Check

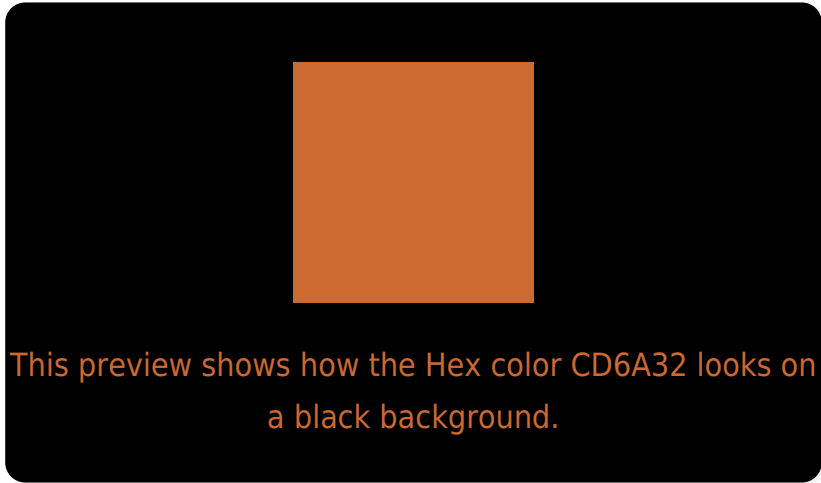
Large Text (above 18pt) WCAG AA ✓ Pass

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

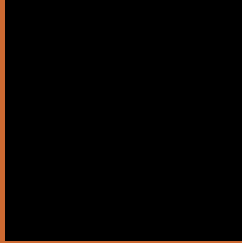
Any Text WCAG AA ✓ Pass

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 CD6A32 Background



This preview shows how black text looks on a background with the Hex color CD6A32.



This preview shows how white text looks on a background with the Hex color CD6A32.

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
CD6A32

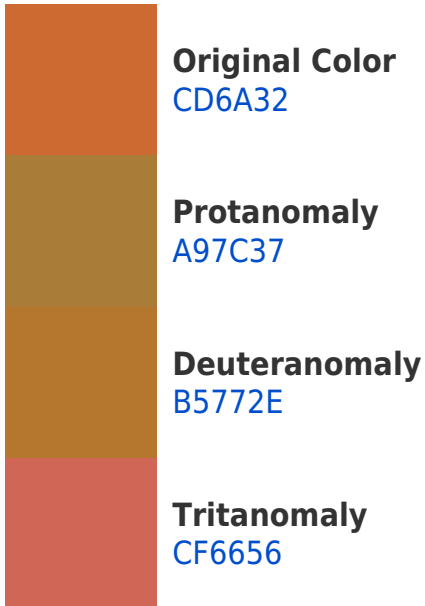
Protanopia
95863A

Deuteranopia
A77F2C



Tritanopia
D0646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD6A32 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 #CD6A32 looks like.

```
.text, #text, p{  
    color:#CD6A32  
}
```

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 #CD6A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6A32
}
```

Border

The CSS property to change the border of an element to Hex CD6A32 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
#CD6A32 }
```

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

```
.border{ border-color:#CD6A32 }
```

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

Here you see how a box with a 4 pixel #CD6A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6A32; -webkit-box-shadow:4px 4px  
4px 4px #CD6A32; box-shadow:4px 4px 4px  
4px #CD6A32 }
```

Background

The CSS property to change the background color of an element to Hex CD6A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6A32 }
```

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

```
.background{ background-color:#CD6A32 }
```

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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