

# Converting Colors

Hex(CD7947)

Have a look what the booklet for  
Hex(CD7947) contains.

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**Color**

**Hex(CD7947)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD7947
RGB	205, 121, 71
RGB Percent	80%, 47%, 28%
CMY	0.1961, 0.5255, 0.7216
CMYK	0.00, 0.41, 0.65, 0.20
HSL	22°, 57%, 54%
HSV	22°, 65%, 80%
XYZ	33.1515, 27.1088, 9.4465
YIQ	140.4160, 66.1140, 2.2580

# Conversions

## Conversions Part 2

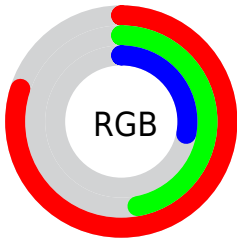
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 151, 71
Decimal	13465927
CIE <sub>Lab</sub>	59.07, 28.36, 40.90
CIE <sub>LCh</sub>	59, 49.771, 55.263
Yxy	27.1088, 0.4756, 0.3889
Android (android.graphics.Color)	4291656007 (0xFFCD7947)
YUV	140.4160, -34.2221, 56.6402
Hunter-Lab	52.0661, 22.5388, 25.6892

# Details

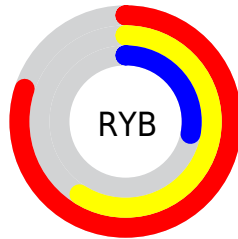
The Hex color **CD7947** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **479BCD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAE79**, and **924717** is the 20% darker color. If you saturate the color by 10%, you get **CD6C32**, and if you desaturate by 10%, it is **CD865C**.

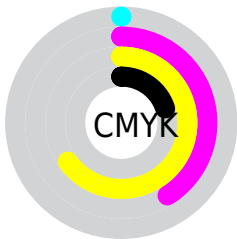
# Distribution



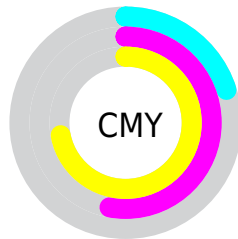
- Red (80%)
- Green (47%)
- Blue (28%)



- Red (80%)
- Yellow (59%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (65%)
- Black (20%)



- Cyan (20%)
- Magenta (53%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD7947 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 CD7947 by changing the saturation by 10% instead.



 CD7947

 CD7947

FFFFFF

 AF602F

 FFAE79

 924717

 FFCA93

 753000

 FFE6AE

 591800

 FFFFCA

 3D0100

 FFFF6E

 260001

 000000

 CD7947

 CD7947

 CD6C32

 CD865C

 CD5F1E

 CD9370

 CD5209

 CDA084

 CD4C00

 CDAC99

 CDB9AD

 CDC6C2

 CDD3D6

 CDE0EB

 CDEDFE

# Harmonies

## Analogous

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



DE6B6B



CD7947



AD8933

# Triad

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



CD7947



00A386



8585DD

# Complementary

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



CD7947



479BCD

# 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.



0095E5



CD7947



00A3B2

# Square

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



CD7947



4B9F5A



009FD5



BD74C1

# Rectangle

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



CD7947



919335



009FD5



6A8BE3

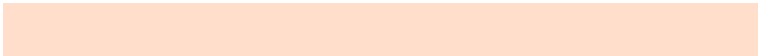


# Sweetspot

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



CD7947



FFDFCC



CD479C



806C61



000000



808080



# Same Dimension

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



CD7947



FF8238



CDBB47



66605C



A63E00



260E00



# Inverse Universe

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



479BCD



38B5FF



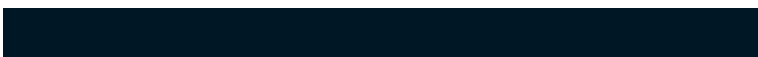
4759CD



5C6266



0068A6

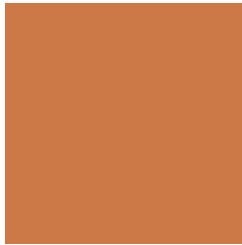


001826



# Previews

## White Background



This preview shows how the Hex color CD7947 looks on a white background.

## Color Contrast Check

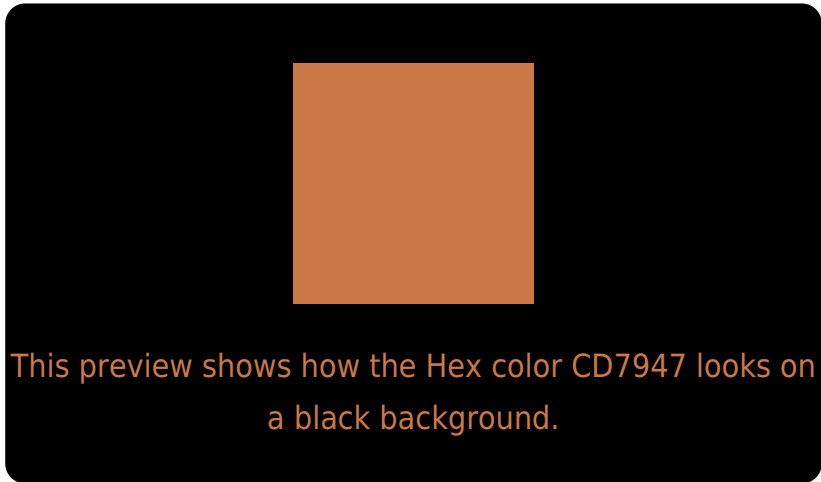
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7947 Background



This preview shows how black text looks on a background with the Hex color CD7947.



This preview shows how white text looks on a background with the Hex color CD7947.

# 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**  
CD7947

**Protanopia**  
9D8F4E

**Deuteranopia**  
B08844



**Tritanopia**  
D0737B

# Trichromacy



**Original Color**  
CD7947

**Protanomaly**  
AE874B

**Deuteranomaly**  
BB8345

**Tritanomaly**  
CF7568

# Monochromacy



**Original Color**  
CD7947

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
A48573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD7947 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 #CD7947 looks like.

```
.text, #text, p{  
    color:#CD7947  
}
```

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 #CD7947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7947
}
```

## Border

The CSS property to change the border of an element to Hex CD7947 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
#CD7947 }
```

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

```
.border{ border-color:#CD7947 }
```

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

Here you see how a box with a 4 pixel #CD7947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7947; -webkit-box-shadow:4px 4px  
4px 4px #CD7947; box-shadow:4px 4px 4px  
4px #CD7947 }
```

# Background

The CSS property to change the background color of an element to Hex CD7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7947 }
```

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

```
.background{ background-color:#CD7947 }
```

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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