

Converting Colors

Hex(CD7A45)

Have a look what the booklet for
Hex(CD7A45) contains.

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Color

Hex(CD7A45)

Conversions

Conversions Part 1

Format	Color
Hex	CD7A45
RGB	205, 122, 69
RGB Percent	80%, 48%, 27%
CMY	0.1961, 0.5216, 0.7294
CMYK	0.00, 0.40, 0.66, 0.20
HSL	23°, 58%, 54%
HSV	23°, 66%, 80%
XYZ	33.2105, 27.3279, 9.1546
YIQ	140.7750, 66.4810, 1.1130

Conversions

Conversions Part 2

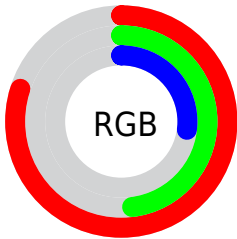
Format	Color
R_{YB}	205, 156, 69
Decimal	13466181
CIE _{Lab}	59.28, 27.70, 42.17
CIE _{LCh}	59, 50.453, 56.701
Yxy	27.3279, 0.4765, 0.3921
Android (android.graphics.Color)	4291656261 (0xFFCD7A45)
YUV	140.7750, -35.3851, 56.3253
Hunter-Lab	52.2761, 21.9164, 26.2103

Details

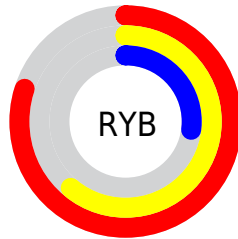
The Hex color **CD7A45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4598CD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAF77**, and **924815** is the 20% darker color. If you saturate the color by 10%, you get **CD6D30**, and if you desaturate by 10%, it is **CD8759**.

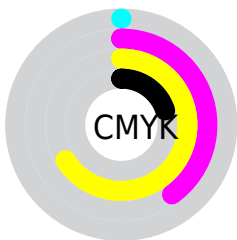
Distribution



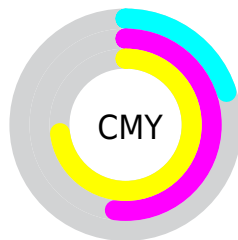
- Red (80%)
- Green (48%)
- Blue (27%)



- Red (80%)
- Yellow (61%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD7A45 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 CD7A45 by changing the saturation by 10% instead.

 CD7A45

 CD7A45

FFFFFF

 AF612D

 FFAF77

 924815

 FFCB91

 753100

 FFE7AC

 591900

 FFFFC8

 3D0200

 FFFFE4

 260001

 000000

 CD7A45

 CD7A45

 CD6D30

 CD8759

 CD611C

 CD936E

 CD5407

 CDA083

 CD5000

 CDAC97

 CDB9AB

 CDC5C0

 CDD2D4

 CDDEE9

 CDEBFD

Harmonies

Analogous

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



DF6B69



CD7A45



AC8B31

Triad

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



CD7A45



00A488



8885DE

Complementary

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



CD7A45



4598CD

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.



0895E7



CD7A45



00A4B5

Square

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



CD7A45



46A05C



009FD8



C073C0

Rectangle

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



CD7A45



909434



009FD8



6E8BE4

Sweetspot

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



CD7A45



FFE0CC



CD4599



806D61



000000



808080

Same Dimension

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



CD7A45



FF8333



CDBD45



66605C



A64100



260F00

Inverse Universe

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



4598CD



33B0FF



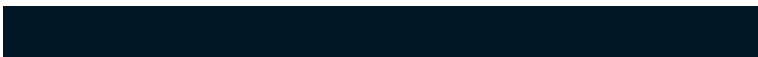
4555CD



5C6266



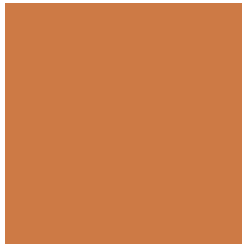
0065A6



001726

Previews

White Background



This preview shows how the Hex color CD7A45 looks on a white background.

Color Contrast Check

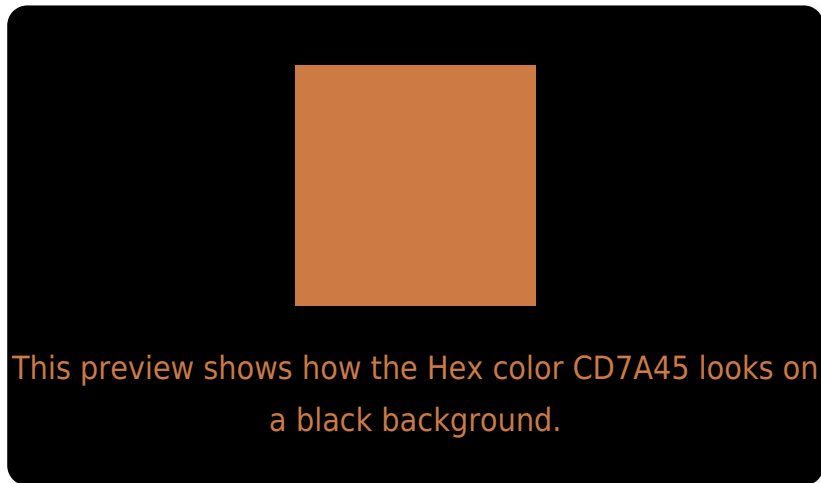
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7A45 Background



This preview shows how black text looks on a background with the Hex color CD7A45.

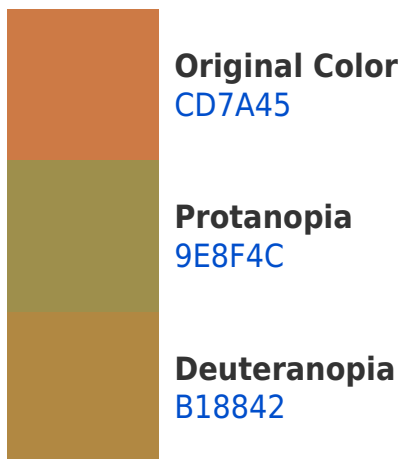



This preview shows how white text looks on a background with the Hex color CD7A45.

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](#).

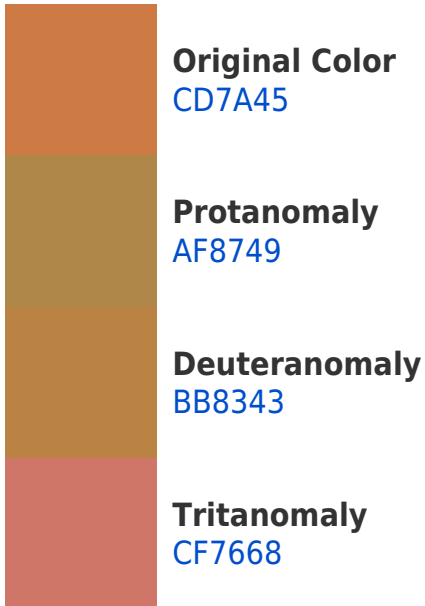
Dichromacy





Tritanopia
D0747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD7A45 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 #CD7A45 looks like.

```
.text, #text, p{  
    color:#CD7A45  
}
```

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 #CD7A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7A45
}
```

Border

The CSS property to change the border of an element to Hex CD7A45 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
#CD7A45 }
```

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

```
.border{ border-color:#CD7A45 }
```

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

Here you see how a box with a 4 pixel #CD7A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7A45; -webkit-box-shadow:4px 4px  
4px 4px #CD7A45; box-shadow:4px 4px 4px  
4px #CD7A45 }
```

Background

The CSS property to change the background color of an element to Hex CD7A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7A45 }
```

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

```
.background{ background-color:#CD7A45 }
```

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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