

Converting Colors

Hex(DD7A30)

Have a look what the booklet for
Hex(DD7A30) contains.

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Color

Hex(DD7A30)

Conversions

Conversions Part 1

Format	Color
Hex	DD7A30
RGB	221, 122, 48
RGB Percent	87%, 48%, 19%
CMY	0.1333, 0.5216, 0.8118
CMYK	0.00, 0.45, 0.78, 0.13
HSL	26°, 72%, 53%
HSV	26°, 78%, 87%
XYZ	37.3118, 29.5046, 6.5247
YIQ	143.1650, 82.7580, -2.0260

Conversions

Conversions Part 2

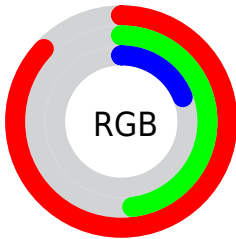
Format	Color
R_{YB}	221, 177, 48
Decimal	14514736
CIE _{Lab}	61.22, 33.24, 54.88
CIE _{LCh}	61, 64.163, 58.797
Yxy	29.5046, 0.5087, 0.4023
Android (android.graphics.Color)	4292704816 (0xFFDD7A30)
YUV	143.1650, -46.9163, 68.2613
Hunter-Lab	54.3182, 27.5571, 30.9008

Details

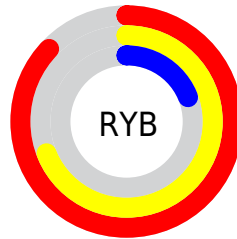
The Hex color **DD7A30** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **3093DD**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAF63**, and **A04800** is the 20% darker color. If you saturate the color by 10%, you get **DD6D1A**, and if you desaturate by 10%, it is **DD8746**.

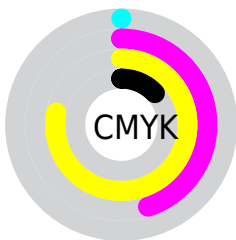
Distribution



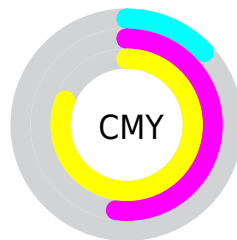
- Red (87%)
- Green (48%)
- Blue (19%)



- Red (87%)
- Yellow (69%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7A30 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 DD7A30 by changing the saturation by 10% instead.

 DD7A30

 DD7A30

FFFFFF

 BE6015

 FFAF63

 A04800

 FFCB7D

 822F00

 FFE898

 641700

 FFFFB4

 480000

 FFFF00

 2F0001

 FFFFEC

 000000

 DD7A30

 DD7A30

 DD6D1A

 DD8746

 DD6104

 DD935C

 DD5F00

 DDA072

 DDAD88

 DDB99E

 DDC6B5

 DDD3CB

 DDDFE1

 DDECF7

Harmonies

Analogous

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



F66361



DD7A30



B29009

Triad

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



DD7A30



00AE90



8E86F8

Complementary

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



DD7A30



3093DD

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.



009BFF



DD7A30



00AEC9

Square

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



DD7A30



16AA56



00A8F4



D66CCF

Rectangle

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



DD7A30



8E9C15



00A8F4



698EFF

Sweetspot

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



DD7A30



FFDDC4



DD3095



806B5C



000000



808080

Same Dimension

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



DD7A30



FF760F



DDCF30



6E6763



AD4A00



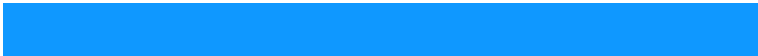
2E1400

Inverse Universe

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



3093DD



0F98FF



303EDD



63696E



0063AD



001A2E

Previews

White Background



This preview shows how the Hex color DD7A30 looks on a white background.

Color Contrast Check

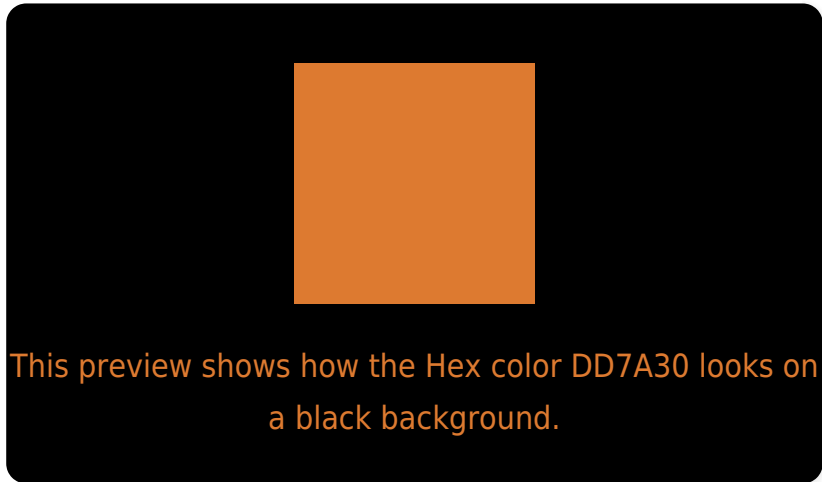
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD7A30 Background



This preview shows how black text looks on a background with the Hex color DD7A30.

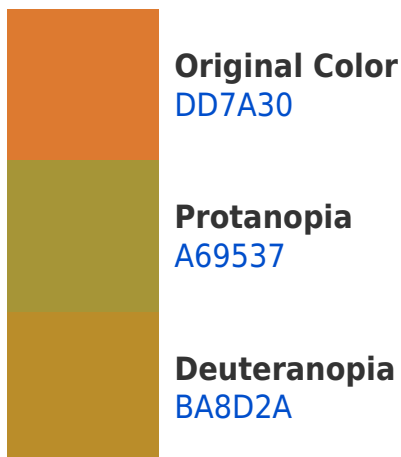


This preview shows how white text looks on a background with the Hex color DD7A30.

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](#).

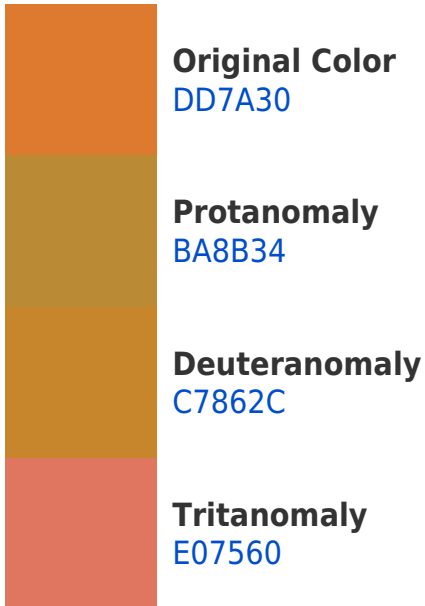
Dichromacy



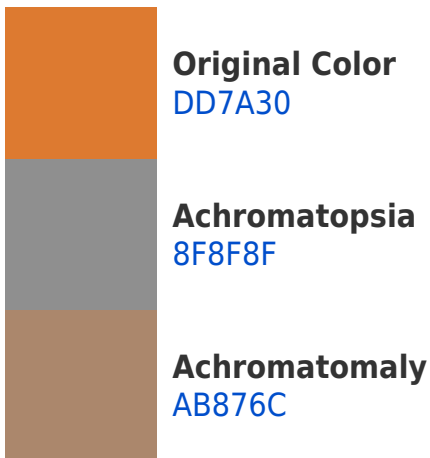


Tritanopia
E1727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD7A30 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 #DD7A30 looks like.

```
.text, #text, p{  
    color:#DD7A30  
}
```

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 #DD7A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7A30
}
```

Border

The CSS property to change the border of an element to Hex DD7A30 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
#DD7A30 }
```

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

```
.border{ border-color:#DD7A30 }
```

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

Here you see how a box with a 4 pixel #DD7A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7A30; -webkit-box-shadow:4px 4px  
4px 4px #DD7A30; box-shadow:4px 4px 4px  
4px #DD7A30 }
```

Background

The CSS property to change the background color of an element to Hex DD7A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7A30 }
```

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

```
.background{ background-color:#DD7A30 }
```

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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