

Converting Colors

Hex(DD7745)

Have a look what the booklet for
Hex(DD7745) contains.

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Color

Hex(DD7745)

Conversions

Conversions Part 1

Format	Color
Hex	DD7745
RGB	221, 119, 69
RGB Percent	87%, 47%, 27%
CMY	0.1333, 0.5333, 0.7294
CMYK	0.00, 0.46, 0.69, 0.13
HSL	20°, 69%, 57%
HSV	20°, 69%, 87%
XYZ	37.4898, 28.9955, 9.2510
YIQ	143.7980, 76.8420, 6.0740

Conversions

Conversions Part 2

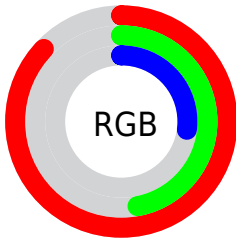
Format	Color
R_{YB}	221, 144, 69
Decimal	14513989
CIE _{Lab}	60.78, 35.75, 44.45
CIE _{LCh}	61, 57.043, 51.193
Yxy	28.9955, 0.4950, 0.3828
Android (android.graphics.Color)	4292704069 (0xFFDD7745)
YUV	143.7980, -36.8754, 67.7062
Hunter-Lab	53.8474, 30.0427, 27.5072

Details

The Hex color **DD7745** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45ABDD**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAD77**, and **A04415** is the 20% darker color. If you saturate the color by 10%, you get **DD682F**, and if you desaturate by 10%, it is **DD865B**.

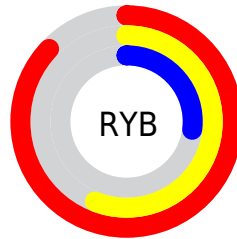
Distribution



Red (87%)

Green (47%)

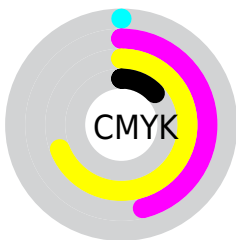
Blue (27%)



Red (87%)

Yellow (56%)

Blue (27%)

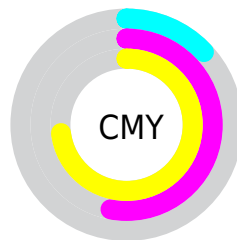


Cyan (0%)

Magenta (46%)

Yellow (69%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7745 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 DD7745 by changing the saturation by 10% instead.

 DD7745

 DD7745

FFFFFF

 BE5D2D

 FFAD77

 A04415

 FFC891

 832C00

 FFE5AC

 661100

 FFFFC8

 490000

 FFFFEE

 300001

 000000

 DD7745

 DD7745

 DD682F

 DD865B

 DD5919

 DD9571

 DD4B03

 DDA387

 DD4900

 DDB29D

 DDC1B3

 DDD0CA

 DDDFE0

 DDEEF6

 DDFCFF

Harmonies

Analogous

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



EE6671



DD7745



BA8B27

Triad

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



DD7745



00AA82



798BF1

Complementary

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



DD7745



45ABDD

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.



009DF6



DD7745



00ABB6

Square

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



DD7745



4CA550



00A7E0



C176D2

Rectangle

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



DD7745



9C9625



00A7E0



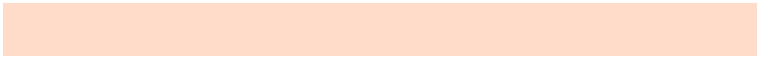
5392F6

Sweetspot

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



DD7745



FFDBC9



DD45AD



806A60



000000



808080

Same Dimension

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



DD7745



FF712B



DDC145



6E6663



AD3900



2E0F00

Inverse Universe

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



45ABDD



2BB9FF



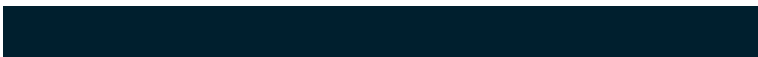
4561DD



636A6E



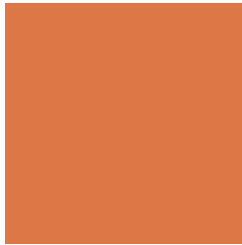
0074AD



001F2E

Previews

White Background



This preview shows how the Hex color DD7745 looks on a white background.

Color Contrast Check

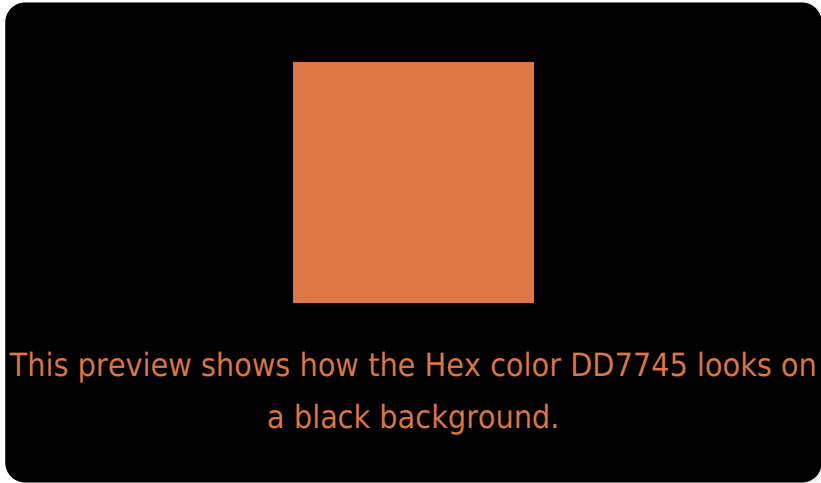
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD7745 Background



This preview shows how black text looks on a background with the Hex color DD7745.



This preview shows how white text looks on a background with the Hex color DD7745.

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
DD7745

Protanopia
A2934E

Deuteranopia
B68C40



Tritanopia
E07179

Trichromacy



Original Color
DD7745



Protanomaly
B7894B



Deuteranomaly
C48442

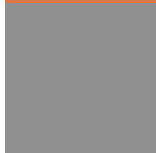


Tritanomaly
DF7366

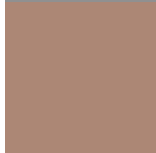
Monochromacy



Original Color
DD7745



Achromatopsia
909090



Achromatomaly
AC8775

CSS Examples

Text

The CSS property to change the color of the text to Hex DD7745 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 #DD7745 looks like.

```
.text, #text, p{  
    color:#DD7745  
}
```

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 #DD7745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7745
}
```

Border

The CSS property to change the border of an element to Hex DD7745 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
#DD7745 }
```

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

```
.border{ border-color:#DD7745 }
```

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

Here you see how a box with a 4 pixel #DD7745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7745; -webkit-box-shadow:4px 4px  
4px 4px #DD7745; box-shadow:4px 4px 4px  
4px #DD7745 }
```

Background

The CSS property to change the background color of an element to Hex DD7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7745 }
```

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

```
.background{ background-color:#DD7745 }
```

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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