

Converting Colors

Hex(DD7831)

Have a look what the booklet for
Hex(DD7831) contains.

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Color

Hex(DD7831)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD7831 |
| RGB | 221, 120, 49 |
| RGB Percent | 87%, 47%, 19% |
| CMY | 0.1333, 0.5294, 0.8078 |
| CMYK | 0.00, 0.46, 0.78, 0.13 |
| HSL | 25°, 72%, 53% |
| HSV | 25°, 78%, 87% |
| XYZ | 37.0896, 29.0268, 6.5536 |
| YIQ | 142.1050, 82.9870, -0.6690 |

Conversions

Conversions Part 2

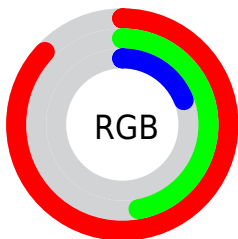
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 221, 170, 49 |
| Decimal | 14514225 |
| CIE _{Lab} | 60.81, 34.32, 54.04 |
| CIE _{LCh} | 61, 64.020, 57.583 |
| Yxy | 29.0268, 0.5104, 0.3994 |
| Android (android.graphics.Color) | 4292704305 (0xFFDD7831) |
| YUV | 142.1050, -45.9008, 69.1909 |
| Hunter-Lab | 53.8766, 28.5988, 30.5015 |

Details

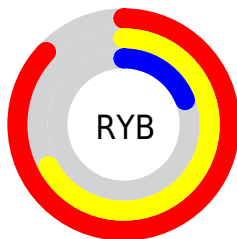
The Hex color **DD7831** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3196DD**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAD64**, and **A04600** is the 20% darker color. If you saturate the color by 10%, you get **DD6B1B**, and if you desaturate by 10%, it is **DD8547**.

Distribution



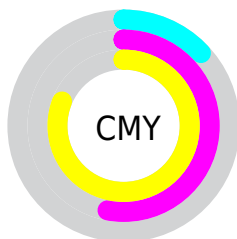
- Red (87%)
- Green (47%)
- Blue (19%)



- Red (87%)
- Yellow (67%)
- Blue (19%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7831 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 DD7831 by changing the saturation by 10% instead.

 DD7831

 DD7831

FFFFFF

 BE5E16

 FFAD64

 A04600

 FFC97E

 822D00

 FFE599

 641400

 FFFFB4

 480000

 FFFF00

 2F0001

 FFFFED

 000000

 DD7831

 DD7831

 DD6B1B

 DD8547

 DD5E05

 DD925D

 DD5B00

 DD9F73

 DDAC89

 DDB99F

 DDC6B6

 DDD3CC

 DDE0E2

 DDEDF8

Harmonies

Analogous

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



F56262



DD7831



B38E09

Triad

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



DD7831



00AD8C



8986F8

Complementary

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



DD7831



3196DD

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



DD7831



00ADC6

Square

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



DD7831



1FA853



00A7F2



D26CD0

Rectangle

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



DD7831



8F9A12



00A7F2



628EFF

Sweetspot

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



DD7831



FFDDC4



DD3198



806B5C



000000



808080

Same Dimension

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



DD7831



FF7412



DDCC31



6E6763



AD4800



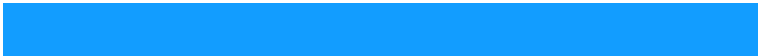
2E1300

Inverse Universe

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



3196DD



129DFF



3142DD



63696E



0066AD



001B2E

Previews

White Background



This preview shows how the Hex color DD7831 looks on a white background.

Color Contrast Check

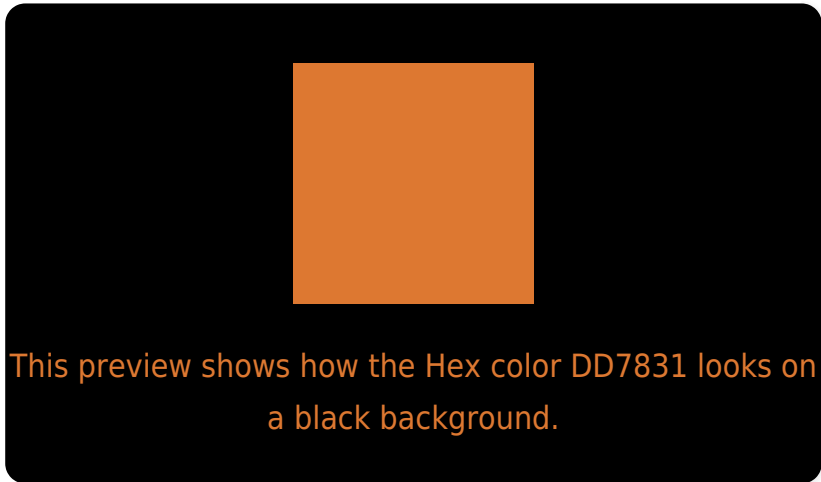
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD7831 Background



This preview shows how black text looks on a background with the Hex color DD7831.



This preview shows how white text looks on a background with the Hex color DD7831.

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
E07179

Trichromacy



Original Color
DD7831

Protanomaly
B98935

Deuteranomaly
C6852D

Tritanomaly
DF745F

Monochromacy



Original Color
DD7831

Achromatopsia
8E8E8E

Achromatomaly
AB866C

CSS Examples

Text

The CSS property to change the color of the text to Hex DD7831 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 #DD7831 looks like.

```
.text, #text, p{  
    color:#DD7831  
}
```

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 #DD7831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7831
}
```

Border

The CSS property to change the border of an element to Hex DD7831 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
#DD7831 }
```

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

```
.border{ border-color:#DD7831 }
```

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

Here you see how a box with a 4 pixel #DD7831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7831; -webkit-box-shadow:4px 4px  
4px 4px #DD7831; box-shadow:4px 4px 4px  
4px #DD7831 }
```

Background

The CSS property to change the background color of an element to Hex DD7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7831 }
```

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

```
.background{ background-color:#DD7831 }
```

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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