

Converting Colors

Hex(D7871C)

Have a look what the booklet for
Hex(D7871C) contains.

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Color

Hex(D7871C)

Conversions

Conversions Part 1

Format	Color
Hex	D7871C
RGB	215, 135, 28
RGB Percent	84%, 53%, 11%
CMY	0.1569, 0.4706, 0.8902
CMYK	0.00, 0.37, 0.87, 0.16
HSL	34°, 77%, 48%
HSV	34°, 87%, 84%
XYZ	36.8979, 31.8589, 5.3033
YIQ	146.7220, 82.0270, -16.3170

Conversions

Conversions Part 2

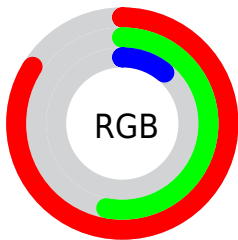
Format	Color
RYB	168, 215, 28
Decimal	14124828
CIELab	63.23, 23.25, 63.56
CIElCh	63, 67.678, 69.903
Yxy	31.8589, 0.4982, 0.4302
Android (android.graphics.Color)	4292314908 (0xFFD7871C)
YUV	146.7220, -58.5299, 59.8798
Hunter-Lab	56.4437, 17.9112, 33.9399

Details

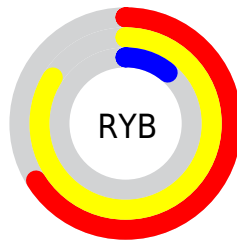
The Hex color **D7871C** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1C6CD7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFBC55**, and **9A5500** is the 20% darker color. If you saturate the color by 10%, you get **D77E06**, and if you desaturate by 10%, it is **D79031**.

Distribution



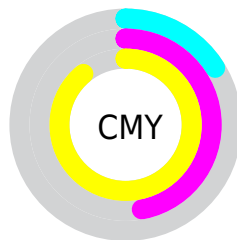
- Red (84%)
- Green (53%)
- Blue (11%)



- Red (66%)
- Yellow (84%)
- Blue (11%)



- Cyan (0%)
- Magenta (37%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7871C 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 D7871C by changing the saturation by 10% instead.

 D7871C

 D7871C

FFFFFF

 B86E00

 FFBC55

 9A5500

 FFD86F

 7D3D00

 FFF58A

 602700

 FFFFA6

 441100

 FFFFC2

 2B0000

 FFFFDF

 000000

 FFFFFC

 D7871C

 D7871C

 D77E06

 D79031

 D77B00

 D79947

 D7A35D

 D7AC72

 D7B588

 D7BE9D

 D7C7B3

 D7D1C8

 D7DADE

Harmonies

Analogous

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



FA6D4F



D7871C



A49D00

Triad

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



D7871C



00B5AC



B580F6

Complementary

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



D7871C



1C6CD7

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.



2C99FF



D7871C



00B3E5

Square

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



D7871C



00B26D



00ABFF



F065C4

Rectangle

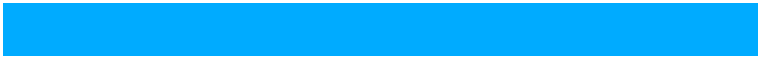
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7871C



7BA721



00ABFF



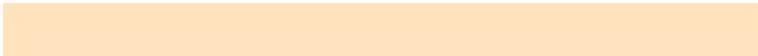
9689FF

Sweetspot

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



D7871C



FFE3BD



D71C6D



806F58



000000



808080

Same Dimension

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



D7871C



FF9200



CBD71C



6B6760



AB6200



2B1900

Inverse Universe

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



1C6CD7



006DFF



281CD7



60656B



0049AB



00132B

Previews

White Background



This preview shows how the Hex color D7871C looks on a white background.

Color Contrast Check

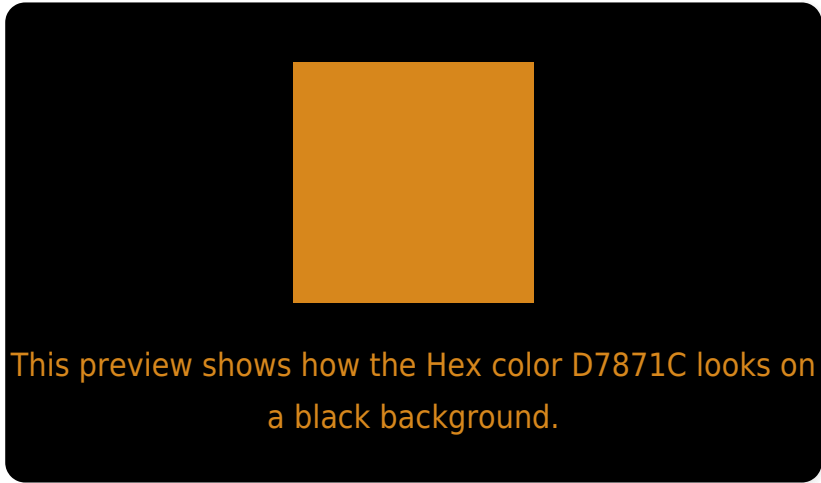
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D7871C Background



This preview shows how black text looks on a background with the Hex color D7871C.



This preview shows how white text looks on a background with the Hex color D7871C.

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
D7871C

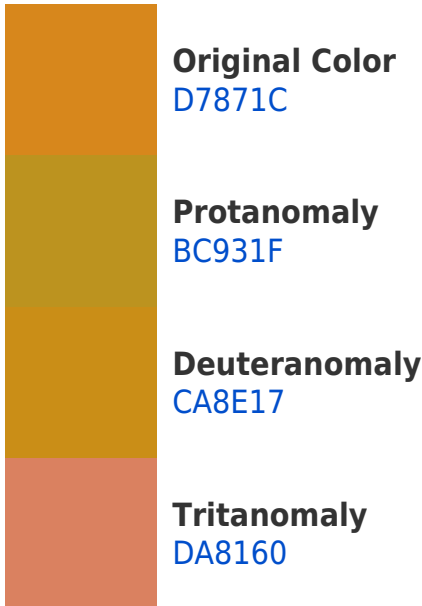
Protanopia
AD9A21

Deuteranopia
C29214



Tritanopia
DC7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7871C 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 #D7871C looks like.

```
.text, #text, p{  
    color:#D7871C  
}
```

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 #D7871C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7871C
}
```

Border

The CSS property to change the border of an element to Hex D7871C 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
#D7871C }
```

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

```
.border{ border-color:#D7871C }
```

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

Here you see how a box with a 4 pixel #D7871C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7871C; -webkit-box-shadow:4px 4px  
4px 4px #D7871C; box-shadow:4px 4px 4px  
4px #D7871C }
```

Background

The CSS property to change the background color of an element to Hex D7871C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7871C }
```

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

```
.background{ background-color:#D7871C }
```

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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