

Converting Colors

Hex(D7400D)

Have a look what the booklet for
Hex(D7400D) contains.

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Color

Hex(D7400D)

Conversions

Conversions Part 1

Format	Color
Hex	D7400D
RGB	215, 64, 13
RGB Percent	84%, 25%, 5%
CMY	0.1569, 0.7490, 0.9490
CMYK	0.00, 0.70, 0.94, 0.16
HSL	15°, 89%, 45%
HSV	15°, 94%, 84%
XYZ	29.9304, 18.1429, 2.3052
YIQ	103.3350, 106.3670, 16.1510

Conversions

Conversions Part 2

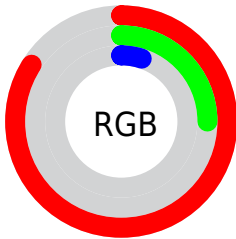
Format	Color
R _Y B	215, 81, 13
Decimal	14106637
CIE Lab	49.67, 57.11, 57.89
CIE LCh	50, 81.324, 45.389
Yxy	18.1429, 0.5941, 0.3601
Android (android.graphics.Color)	4292296717 (0xFFD7400D)
YUV	103.3350, -44.5352, 97.9302
Hunter-Lab	42.5945, 50.8883, 26.6074

Details

The Hex color **D7400D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0DA4D7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7842**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D73600**, and if you desaturate by 10%, it is **D75023**.

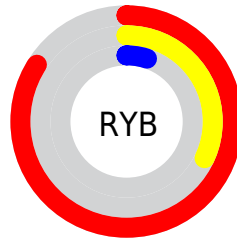
Distribution



Red (84%)

Green (25%)

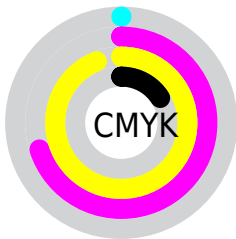
Blue (5%)



Red (84%)

Yellow (32%)

Blue (5%)

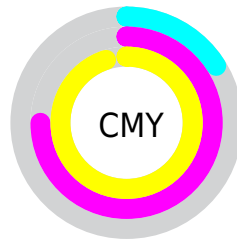


Cyan (0%)

Magenta (70%)

Yellow (94%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7400D 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 D7400D by changing the saturation by 10% instead.

 D7400D

 D7400D

FFFFFF

 B72000

 FF7842

 970000

 FF945C

 780000

 FFB075

 590000

 FFCD90

 3E0003

 FFEAAB

 190001

 FFFFC7

 000000

 FFFF E3

 D7400D

 D7400D

■ D73600

■ D75023

■ D76038

■ D7704E

■ D78063

■ D79079

■ D7A08E

■ D7B1A4

■ D7C1B9

■ D7D1CF

Harmonies

Analogous

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



EB0056



D7400D



AB6700

Triad

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



D7400D



009150



0073FE

Complementary

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



D7400D



0DA4D7

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.



0088FE



D7400D



009399

Square

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



D7400D



008B00



0091D8



A24ED9

Rectangle

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



D7400D



857800



0091D8



007CFF

Sweetspot

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



D7400D



FFCAB8



D70DA5



805F54



000000



808080

Same Dimension

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



D7400D



FF4000



D7A50D



6B6360



AB2B00



2B0B00

Inverse Universe

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



0DA4D7



00BFFF



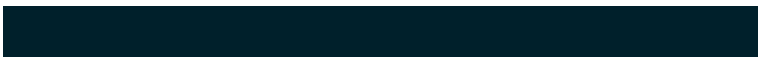
0D40D7



60686B



0080AB



00202B

Previews

White Background



This preview shows how the Hex color D7400D looks on a white background.

Color Contrast Check

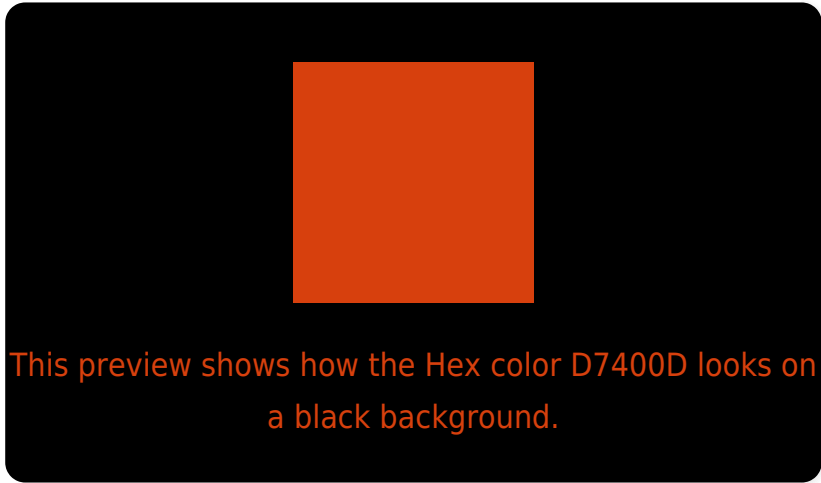
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 D7400D Background



This preview shows how black text looks on a background with the Hex color D7400D.



This preview shows how white text looks on a background with the Hex color D7400D.

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
D7400D

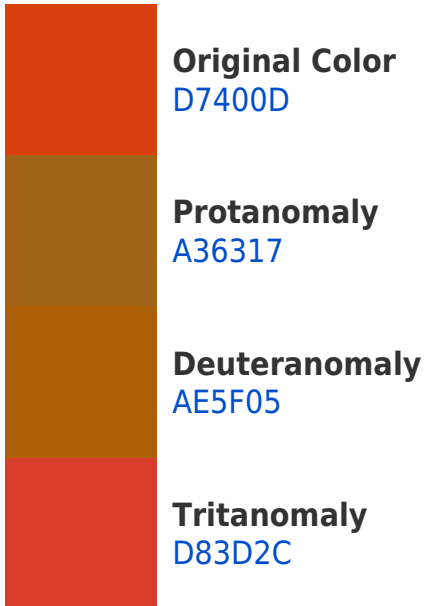
Protanopia
86771C

Deuteranopia
967100

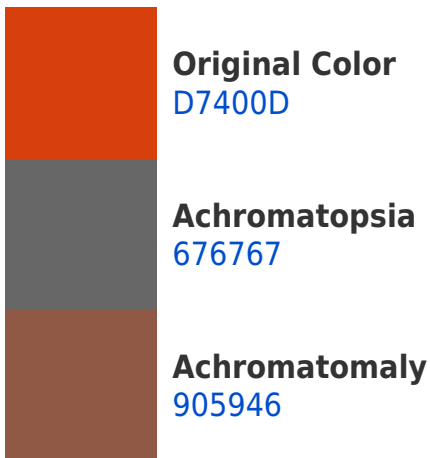


Tritanopia
D83C3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7400D 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 #D7400D looks like.

```
.text, #text, p{  
    color:#D7400D  
}
```

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 #D7400D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7400D
}
```

Border

The CSS property to change the border of an element to Hex D7400D is called "border". The border property can be set on classes, ids or directly on the HTML element.

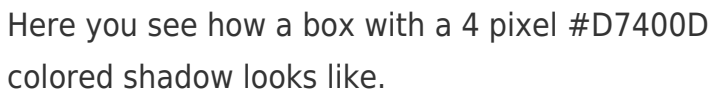
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D7400D }
```

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

```
.border{ border-color:#D7400D }
```

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



Here you see how a box with a 4 pixel #D7400D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7400D; -webkit-box-shadow:4px 4px  
4px 4px #D7400D; box-shadow:4px 4px 4px  
4px #D7400D }
```

Background

The CSS property to change the background color of an element to Hex D7400D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7400D }
```

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

```
.background{ background-color:#D7400D }
```

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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