

Converting Colors

Hex(D0741D)

Have a look what the booklet for
Hex(D0741D) contains.

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Color

Hex(D0741D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D0741D |
| RGB | 208, 116, 29 |
| RGB Percent | 82%, 45%, 11% |
| CMY | 0.1843, 0.5451, 0.8863 |
| CMYK | 0.00, 0.44, 0.86, 0.18 |
| HSL | 29°, 76%, 46% |
| HSV | 29°, 86%, 82% |
| XYZ | 32.4796, 25.9894, 4.4670 |
| YIQ | 133.5900, 82.7590, -7.5530 |

Conversions

Conversions Part 2

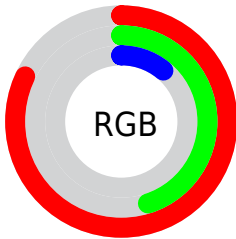
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 208, 198, 29 |
| Decimal | 13661213 |
| CIE Lab | 58.03, 30.48, 58.65 |
| CIE LCh | 58, 66.102, 62.539 |
| Yxy | 25.9894, 0.5161, 0.4129 |
| Android (android.graphics.Color) | 4291851293 (0xFFD0741D) |
| YUV | 133.5900, -51.5629, 65.2576 |
| Hunter-Lab | 50.9798, 24.5090, 30.4907 |

Details

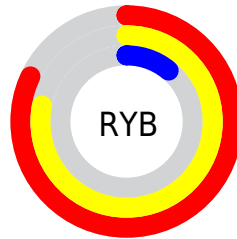
The Hex color **D0741D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1D79D0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA953**, and **934200** is the 20% darker color. If you saturate the color by 10%, you get **D06908**, and if you desaturate by 10%, it is **D07F32**.

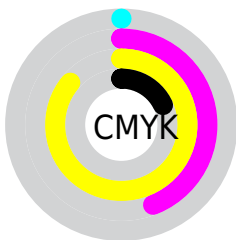
Distribution



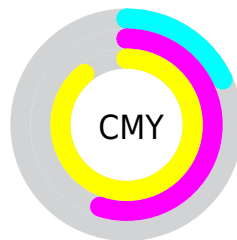
- Red (82%)
- Green (45%)
- Blue (11%)



- Red (82%)
- Yellow (78%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (86%)
- Black (18%)



- Cyan (18%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0741D 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 D0741D by changing the saturation by 10% instead.

 D0741D

 D0741D

FFFFFF

 B15B00

 FFA953

 934200

 FFC46D

 752B00

 FFE087

 581300

 FFFDA3

 3C0000

 FFFFBF

 240001

 FFFFDB

 000000

 FFFFF8

 D0741D

 D0741D

 D06908

 D07F32

 D06500

 D08947

 D0945B

 D09F70

 D0A985

 D0B49A

 D0BFAF

 D0CAC3

 D0D4D8

Harmonies

Analogous

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



ED5B51



D0741D



A28A00

Triad

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



D0741D



00A68F



917AEE

Complementary

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



D0741D



1D79D0

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.



0091FF



D0741D



00A5C8

Square

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



D0741D



00A253



009FF2



D45EC2

Rectangle

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



D0741D



7D9501



009FF2



6C82F7

Sweetspot

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



D0741D



FFDDBD



D01D79



806B58



000000



808080

Same Dimension

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



D0741D



FF7C00



D0CD1D



69635E



A85200



291400

Inverse Universe

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



1D79D0



0083FF



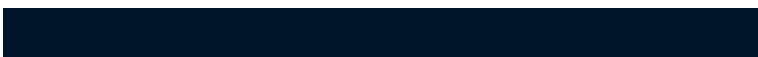
1D20D0



5E6369



0057A8



001529

Previews

White Background



This preview shows how the Hex color D0741D looks on a white background.

Color Contrast Check

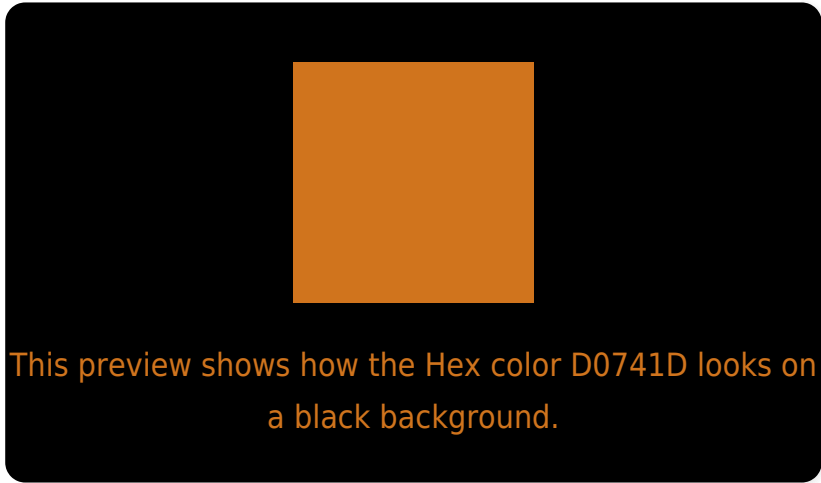
Large Text (above 18pt) WCAG AA ✓ Pass

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 D0741D Background



This preview shows how black text looks on a background with the Hex color D0741D.



This preview shows how white text looks on a background with the Hex color D0741D.

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
D0741D

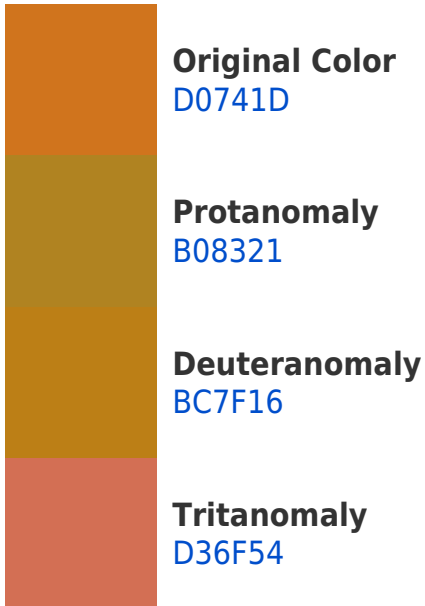
Protanopia
9D8C23

Deuteranopia
B18512

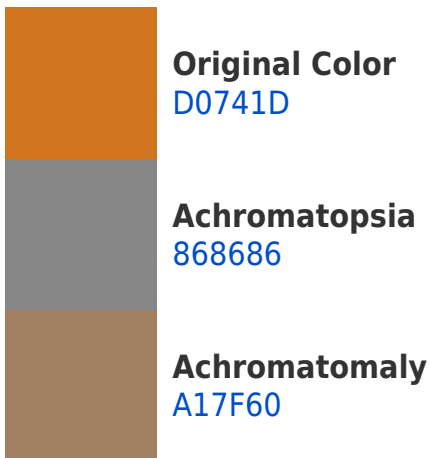


Tritanopia
D46C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0741D 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 #D0741D looks like.

```
.text, #text, p{  
    color:#D0741D  
}
```

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 #D0741D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0741D
}
```

Border

The CSS property to change the border of an element to Hex D0741D 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
#D0741D }
```

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

```
.border{ border-color:#D0741D }
```

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

Here you see how a box with a 4 pixel #D0741D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0741D; -webkit-box-shadow:4px 4px  
4px 4px #D0741D; box-shadow:4px 4px 4px  
4px #D0741D }
```

Background

The CSS property to change the background color of an element to Hex D0741D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0741D }
```

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

```
.background{ background-color:#D0741D }
```

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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