

# Converting Colors

Hex(D76441)

Have a look what the booklet for  
Hex(D76441) contains.

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**Color**

**Hex(D76441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D76441
RGB	215, 100, 65
RGB Percent	84%, 39%, 25%
CMY	0.1569, 0.6078, 0.7451
CMYK	0.00, 0.53, 0.70, 0.16
HSL	14°, 65%, 55%
HSV	14°, 70%, 84%
XYZ	33.5356, 23.9431, 7.8550
YIQ	130.3950, 79.7750, 13.4950

# Conversions

## Conversions Part 2

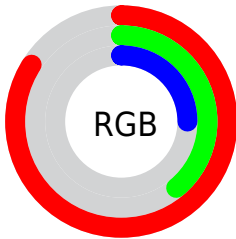
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 111, 65
Decimal	14115905
CIE Lab	56.03, 42.84, 40.93
CIE LCh	56, 59.249, 43.699
Yxy	23.9431, 0.5133, 0.3665
Android (android.graphics.Color)	4292305985 (0xFFD76441)
YUV	130.3950, -32.2397, 74.1986
Hunter-Lab	48.9317, 36.7058, 24.7344

# Details

The Hex color **D76441** 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 **41B4D7**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9972**, and **9A3013** is the 20% darker color. If you saturate the color by 10%, you get **D7542C**, and if you desaturate by 10%, it is **D77457**.

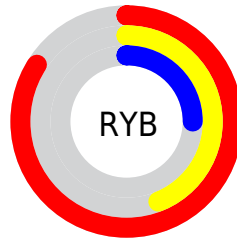
# Distribution



Red (84%)

Green (39%)

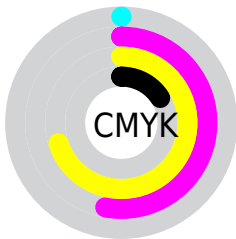
Blue (25%)



Red (84%)

Yellow (44%)

Blue (25%)

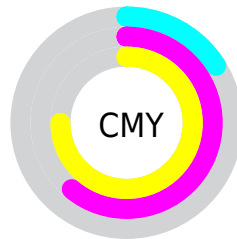


Cyan (0%)

Magenta (53%)

Yellow (70%)

Black (16%)



Cyan (16%)

Magenta (61%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D76441 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 D76441 by changing the saturation by 10% instead.



 D76441

 D76441

FFFFFF

 B84A2A

 FF9972

 9A3013

 FFB58C

 7C1300

 FFD1A7

 5F0000

 FFEEC2

 420000

 FFFFDE

 270001

 FFFFFB

 000000

 D76441

 D76441

 D7542C

 D77457

 D74316

 D7856C

 D73301

 D79582

 D73200

 D7A697

 D7B6AD

 D7C7C2

 D7D7D8

 D7E8ED

 D7F8FF

# Harmonies

## Analogous

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



E35471



D76441



B77A19

# Triad

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



D76441



009D68



4984EB

# Complementary

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



D76441



41B4D7

# 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.



0094E9



D76441



009F9D

# Square

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



D76441



4F9736



009CCC



A76ED1

# Rectangle

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



D76441



9A860A



009CCC



008AED

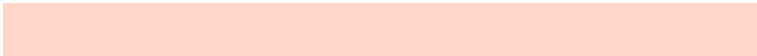


# Sweetspot

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



D76441



FFD6C9



D741B4



806760



000000



808080



# Same Dimension

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



D76441



FF5B29



D7AF41



6B6360



AB2800



2B0A00



# Inverse Universe

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



41B4D7



29CDFF



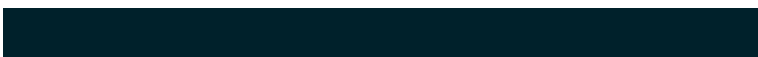
4169D7



60696B



0083AB

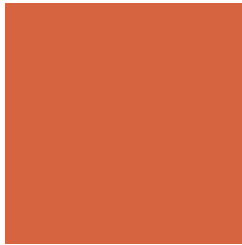


00212B



# Previews

## White Background



This preview shows how the Hex color D76441 looks on a white background.

## Color Contrast Check

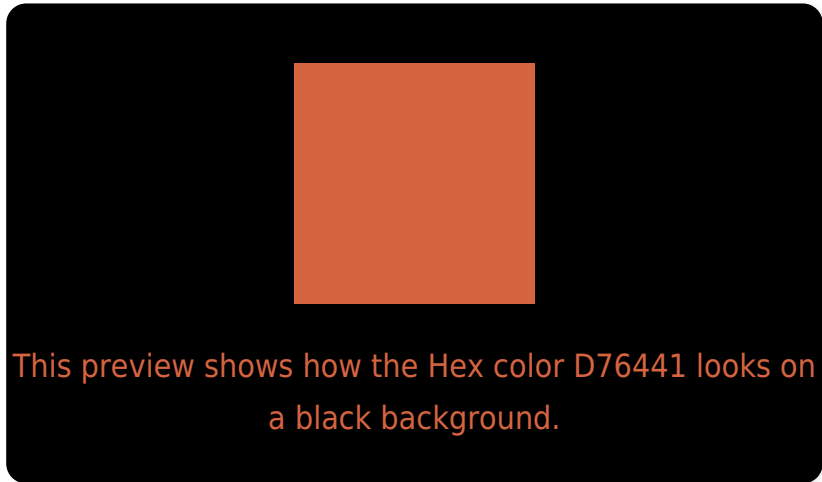
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76441 Background



This preview shows how black text looks on a background with the Hex color D76441.

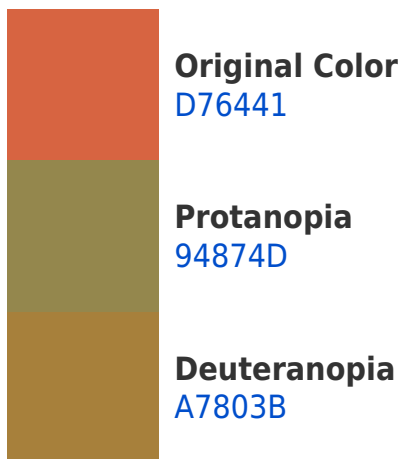


This preview shows how white text looks on a background with the Hex color D76441.

# 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**  
D95F66

# Trichromacy



**Original Color**  
D76441

**Protanomaly**  
AC7A49

**Deuteranomaly**  
B8763D

**Tritanomaly**  
D86159

# Monochromacy



**Original Color**  
D76441

**Achromatopsia**  
828282

**Achromatomaly**  
A1776A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D76441 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 #D76441 looks like.

```
.text, #text, p{  
    color:#D76441  
}
```

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 #D76441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76441
}
```

## Border

The CSS property to change the border of an element to Hex D76441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

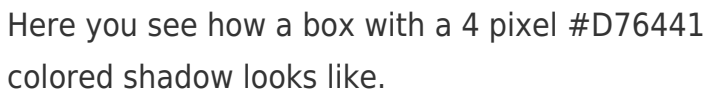
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D76441 }
```

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

```
.border{ border-color:#D76441 }
```

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



Here you see how a box with a 4 pixel #D76441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76441; -webkit-box-shadow:4px 4px  
4px 4px #D76441; box-shadow:4px 4px 4px  
4px #D76441 }
```

# Background

The CSS property to change the background color of an element to Hex D76441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76441 }
```

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

```
.background{ background-color:#D76441 }
```

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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