

# Converting Colors

Hex(D06439)

Have a look what the booklet for  
Hex(D06439) contains.

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# Color

**Hex(D06439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D06439
RGB	208, 100, 57
RGB Percent	82%, 39%, 22%
CMY	0.1843, 0.6078, 0.7765
CMYK	0.00, 0.52, 0.73, 0.18
HSL	17°, 62%, 52%
HSV	17°, 73%, 82%
XYZ	31.3081, 22.8196, 6.6254
YIQ	127.3900, 78.1710, 9.5230

# Conversions

## Conversions Part 2

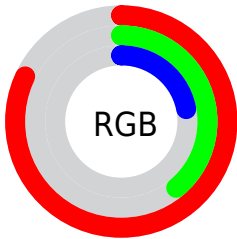
Format	Color
R <sub>Y</sub> B	208, 117, 57
Decimal	13657145
CIE Lab	54.89, 39.77, 43.55
CIE LCh	55, 58.976, 47.601
Yxy	22.8196, 0.5153, 0.3756
Android (android.graphics.Color)	4291847225 (0xFFD06439)
YUV	127.3900, -34.7023, 70.6950
Hunter-Lab	47.7699, 33.3905, 25.2158

# Details

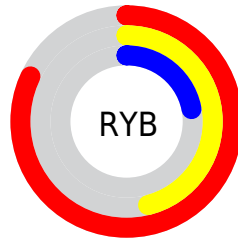
The Hex color **D06439** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **39A5D0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF996A**, and **933108** is the 20% darker color. If you saturate the color by 10%, you get **D05524**, and if you desaturate by 10%, it is **D0734E**.

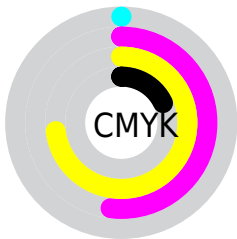
# Distribution



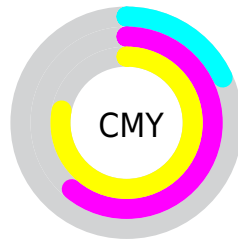
- Red (82%)
- Green (39%)
- Blue (22%)



- Red (82%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (73%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D06439 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 D06439 by changing the saturation by 10% instead.



 D06439

 D06439

FFFFFF

 B14A21

 FF996A

 933108

 FFB484

 761600

 FFD19E

 580000

 FFEDBA

 3C0000

 FFFFFD6

 1F0001

 FFFFF2

 000000

 D06439

 D06439

 D05524

 D0734E

 D0460F

 D08263

 D03B00

 D09177

 D0A08C

 D0AEA1

 D0BDB6

 D0CCCB

 D0DBDF

 D0EAF4

# Harmonies

## Analogous

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



DF5368



D06439



AE7912

# Triad

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



D06439



009A6C



587FE5

# Complementary

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



D06439



39A5D0

# 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.



008FE7



D06439



009BA1

# Square

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



D06439



42953A



0098CE



AB68C9

# Rectangle

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



D06439



918506



0098CE



1485E9

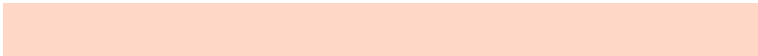


# Sweetspot

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



D06439



FFD7C7



D039A5



80685E



000000



808080



# Same Dimension

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



D06439



FF6021



D0AF39



69615E



A83000



290C00



# Inverse Universe

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



39A5D0



21C0FF



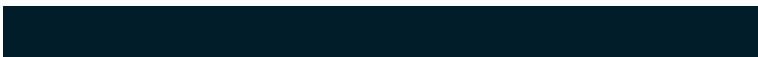
395AD0



5E6669



0078A8

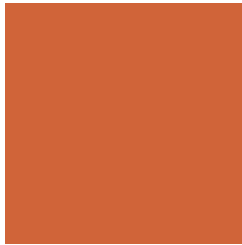


001D29



# Previews

## White Background



This preview shows how the Hex color D06439 looks on a white background.

## Color Contrast Check

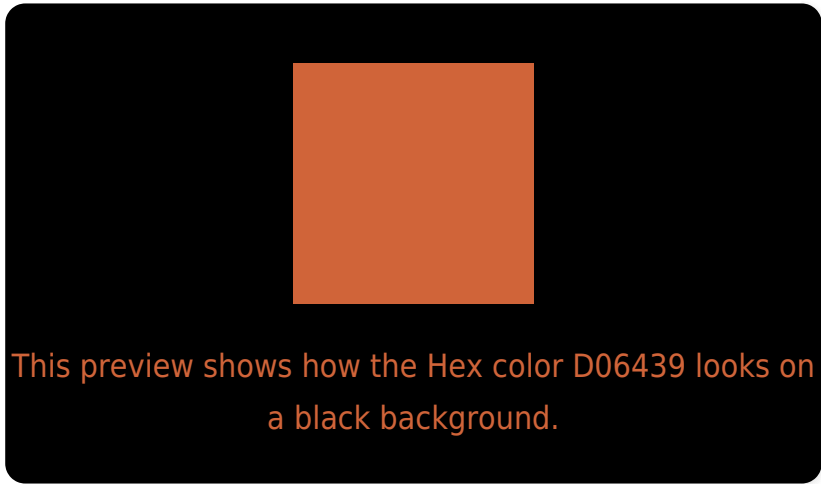
Large Text (above 18pt) WCAG AA ✓ Pass

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

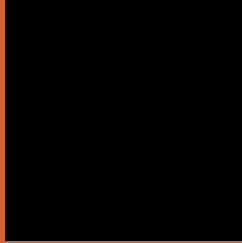
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D06439 Background



This preview shows how black text looks on a background with the Hex color D06439.



This preview shows how white text looks on a background with the Hex color D06439.

# 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**  
D06439

**Protanopia**  
928443

**Deuteranopia**  
A47D33



**Tritanopia**  
D25F65

# Trichromacy



**Original Color**  
D06439

**Protanomaly**  
A9783F

**Deuteranomaly**  
B47435

**Tritanomaly**  
D16155

# Monochromacy



**Original Color**  
D06439

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
9C7566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D06439 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 #D06439 looks like.

```
.text, #text, p{  
    color:#D06439  
}
```

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 #D06439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06439
}
```

## Border

The CSS property to change the border of an element to Hex D06439 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
#D06439 }
```

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

```
.border{ border-color:#D06439 }
```

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

Here you see how a box with a 4 pixel #D06439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06439; -webkit-box-shadow:4px 4px  
4px 4px #D06439; box-shadow:4px 4px 4px  
4px #D06439 }
```

# Background

The CSS property to change the background color of an element to Hex D06439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06439 }
```

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

```
.background{ background-color:#D06439 }
```

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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