

# Converting Colors

Hex(D96C2D)

Have a look what the booklet for  
Hex(D96C2D) contains.

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**Color**

**Hex(D96C2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D96C2D
RGB	217, 108, 45
RGB Percent	85%, 42%, 18%
CMY	0.1490, 0.5765, 0.8235
CMYK	0.00, 0.50, 0.79, 0.15
HSL	22°, 69%, 51%
HSV	22°, 79%, 85%
XYZ	34.4515, 25.6663, 5.6209
YIQ	133.4090, 85.1870, 3.5150

# Conversions

## Conversions Part 2

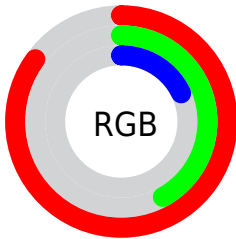
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 144, 45
Decimal	14249005
CIE <sub>Lab</sub>	57.72, 38.75, 52.63
CIE <sub>LCh</sub>	58, 65.356, 53.641
Yxy	25.6663, 0.5241, 0.3904
Android (android.graphics.Color)	4292439085 (0xFFD96C2D)
YUV	133.4090, -43.5856, 73.3093
Hunter-Lab	50.6619, 32.7265, 28.8851

# Details

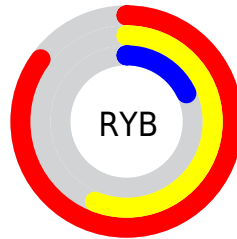
The Hex color **D96C2D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2D9AD9**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA15F**, and **9B3900** is the 20% darker color. If you saturate the color by 10%, you get **D95E17**, and if you desaturate by 10%, it is **D97A43**.

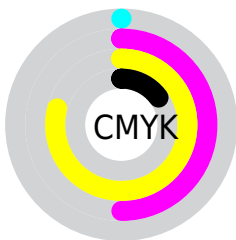
# Distribution



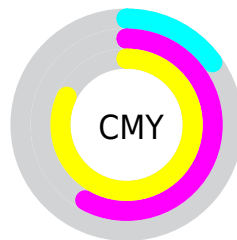
- Red (85%)
- Green (42%)
- Blue (18%)



- Red (85%)
- Yellow (56%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (79%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D96C2D 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 D96C2D by changing the saturation by 10% instead.



 D96C2D

 D96C2D

FFFFFF

 BA5212

 FFA15F

 9B3900

 FFBD79

 7D1F00

 FFD994

 600000

 FFF6AF

 430000

 FFFFCB

 2A0001

 FFFF7E

 000000

 D96C2D

 D96C2D

 D95E17

 D97A43

 D95002

 D98858

 D94F00

 D9956E

 D9A384

 D9B19A

 D9BFAF

 D9CCC5

 D9DADB

 D9E8F0

# Harmonies

## Analogous

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



EF5560



D96C2D



B08400

# Triad

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



D96C2D



00A47C



7181F4

# Complementary

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



D96C2D



2D9AD9

# 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.



0095FD



D96C2D



00A5B7

# Square

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



D96C2D



249F42



00A1E6



C366CF

# Rectangle

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



D96C2D



8E9000



00A1E6



3D88FA



# Sweetspot

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



D96C2D



FFD8C2



D92D9D



80685B



000000



808080



# Same Dimension

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



D96C2D



FF650D



D9BF2D



6E6763



AD4000



2E1100



# Inverse Universe

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



2D9AD9



0DA6FF



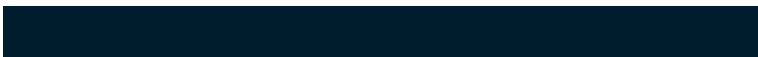
2D47D9



636A6E



006EAD



001D2E



# Previews

## White Background



This preview shows how the Hex color D96C2D looks on a white background.

## Color Contrast Check

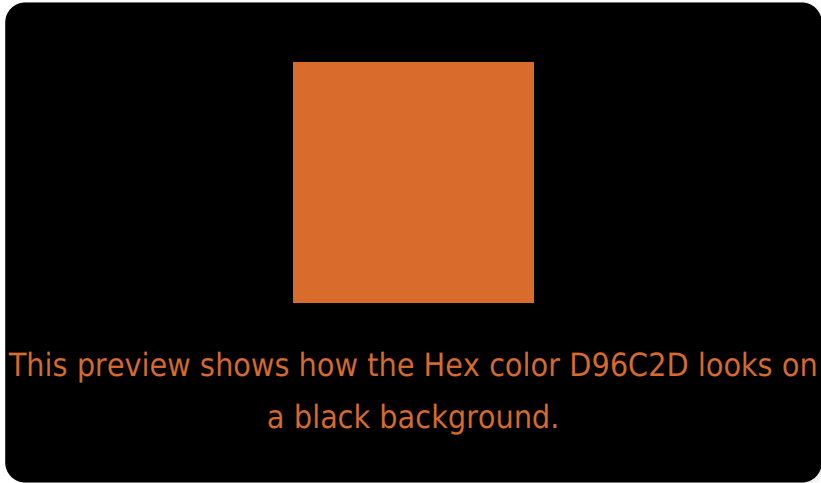
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96C2D Background



This preview shows how black text looks on a background with the Hex color D96C2D.



This preview shows how white text looks on a background with the Hex color D96C2D.

# 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**  
D96C2D

**Protanopia**  
9B8B35

**Deuteranopia**  
AF8425



# Trichromacy



**Original Color**  
D96C2D

**Protanomaly**  
B28032

**Deuteranomaly**  
BE7B28

**Tritanomaly**  
DB6855

# Monochromacy



**Original Color**  
D96C2D

**Achromatopsia**  
858585

**Achromatomaly**  
A47C65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D96C2D 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 #D96C2D looks like.

```
.text, #text, p{  
    color:#D96C2D  
}
```

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 #D96C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96C2D
}
```

## Border

The CSS property to change the border of an element to Hex D96C2D 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
#D96C2D }
```

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

```
.border{ border-color:#D96C2D }
```

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

Here you see how a box with a 4 pixel #D96C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96C2D; -webkit-box-shadow:4px 4px  
4px 4px #D96C2D; box-shadow:4px 4px 4px  
4px #D96C2D }
```

# Background

The CSS property to change the background color of an element to Hex D96C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96C2D }
```

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

```
.background{ background-color:#D96C2D }
```

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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