

# Converting Colors

Hex(D36D2D)

Have a look what the booklet for  
Hex(D36D2D) contains.

|  |    |
|--|----|
| <b>Hex(D36D2D)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(D36D2D)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | D36D2D                    |
| RGB           | 211, 109, 45              |
| RGB Percent   | 83%, 43%, 18%             |
| CMY           | 0.1725, 0.5725, 0.8235    |
| CMYK          | 0.00, 0.48, 0.79, 0.17    |
| HSL           | 23°, 65%, 50%             |
| HSV           | 23°, 79%, 83%             |
| XYZ           | 32.8063, 24.9756, 5.5743  |
| YIQ           | 132.2020, 81.3360, 1.7200 |

# Conversions

## Conversions Part 2

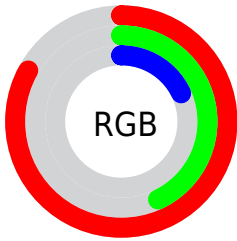
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 211, 149, 45                   |
| Decimal                             | 13856045                       |
| CIE <sub>Lab</sub>                  | 57.05, 35.85, 51.69            |
| CIE <sub>LCh</sub>                  | 57, 62.906, 55.252             |
| Yxy                                 | 24.9756, 0.5178,<br>0.3942     |
| Android<br>(android.graphics.Color) | 4292046125<br>(0xFFD36D2D)     |
| YUV                                 | 132.2020, -42.9906,<br>69.1058 |
| Hunter-Lab                          | 49.9756, 29.7182,<br>28.3697   |

# Details

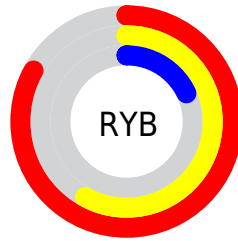
The Hex color **D36D2D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2D93D3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA25F**, and **963B00** is the 20% darker color. If you saturate the color by 10%, you get **D36018**, and if you desaturate by 10%, it is **D37A42**.

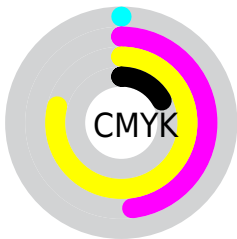
# Distribution



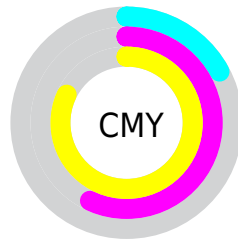
- Red (83%)
- Green (43%)
- Blue (18%)



- Red (83%)
- Yellow (58%)
- Blue (18%)



- Cyan (0%)
- Magenta (48%)
- Yellow (79%)
- Black (17%)



- Cyan (17%)
- Magenta (57%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D36D2D 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 D36D2D by changing the saturation by 10% instead.



 D36D2D

 D36D2D

FFFFFF

 B45412

 FFA25F

 963B00

 FFBD79

 782200

 FFDA94

 5B0500

 FFF6AF

 3E0000

 FFFFCB

 250001

 FFFF7E

 000000

 D36D2D

 D36D2D

 D36018

 D37A42

 D35303

 D38757

 D35100

 D3946C

 D3A181

 D3AE97

 D3BBAC

 D3C8C1

 D3D5D6

 D3E2EB

# Harmonies

## Analogous

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



E9575E



D36D2D



AB8300

# Triad

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



D36D2D



00A27E



777EED

# Complementary

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



D36D2D



2D93D3

# 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.



0092F7



D36D2D



00A2B6

# Square

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



D36D2D



229D46



009EE3



C265C8

# Rectangle

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



D36D2D



898F01



009EE3



4C86F3



# Sweetspot

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



D36D2D



FFD9C2



D32D93



80695B



000000



808080



# Same Dimension

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



D36D2D



FF6C0F



D3C02D



69625E



A84100



291000

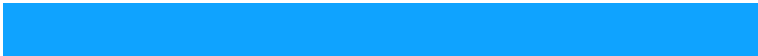


# Inverse Universe

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



2D93D3



0FA3FF



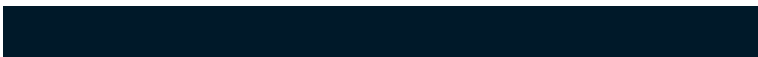
2D40D3



5E6569



0067A8

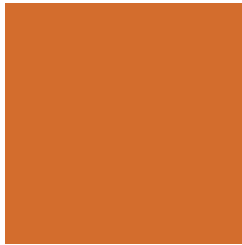


001929



# Previews

## White Background



This preview shows how the Hex color D36D2D looks on a white background.

## Color Contrast Check

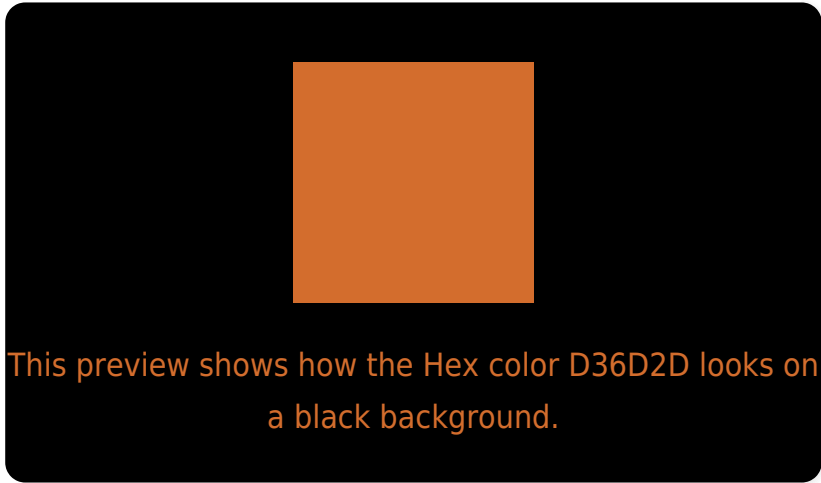
Large Text (above 18pt) WCAG AA ✓ Pass

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 D36D2D Background



This preview shows how black text looks on a background with the Hex color D36D2D.

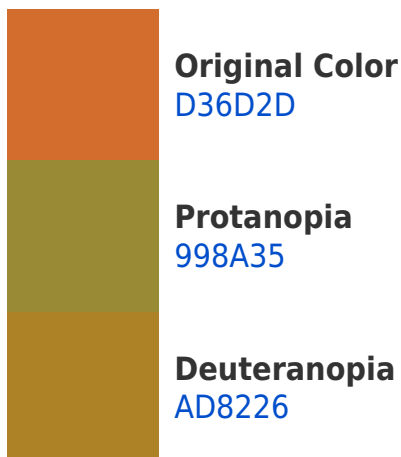



This preview shows how white text looks on a background with the Hex color D36D2D.

# 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**  
D6666D

# Trichromacy



**Original Color**  
D36D2D

**Protanomaly**  
AE7F32

**Deuteranomaly**  
BB7A29

**Tritanomaly**  
D56956

# Monochromacy



**Original Color**  
D36D2D

**Achromatopsia**  
848484

**Achromatomaly**  
A17C64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D36D2D 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 #D36D2D looks like.

```
.text, #text, p{  
    color:#D36D2D  
}
```

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 #D36D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36D2D
}
```

## Border

The CSS property to change the border of an element to Hex D36D2D 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
#D36D2D }
```

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

```
.border{ border-color:#D36D2D }
```

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

Here you see how a box with a 4 pixel #D36D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36D2D; -webkit-box-shadow:4px 4px  
4px 4px #D36D2D; box-shadow:4px 4px 4px  
4px #D36D2D }
```

# Background

The CSS property to change the background color of an element to Hex D36D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36D2D }
```

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

```
.background{ background-color:#D36D2D }
```

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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