

# Converting Colors

Hex(D37028)

Have a look what the booklet for  
Hex(D37028) contains.

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**Color**

**Hex(D37028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37028
RGB	211, 112, 40
RGB Percent	83%, 44%, 16%
CMY	0.1725, 0.5608, 0.8431
CMYK	0.00, 0.47, 0.81, 0.17
HSL	25°, 68%, 49%
HSV	25°, 81%, 83%
XYZ	33.0411, 25.5904, 5.2055
YIQ	133.3930, 82.1160, -1.4040

# Conversions

## Conversions Part 2

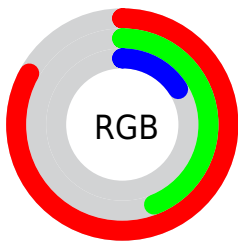
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 164, 40
Decimal	13856808
CIE Lab	57.65, 34.13, 54.39
CIE LCh	58, 64.209, 57.893
Yxy	25.5904, 0.5176, 0.4009
Android (android.graphics.Color)	4292046888 (0xFFD37028)
YUV	133.3930, -46.0427, 68.0613
Hunter-Lab	50.5870, 28.0610, 29.3099

# Details

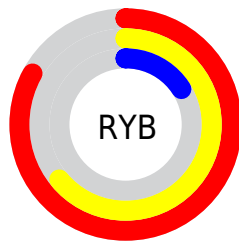
The Hex color **D37028** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **288BD3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA55B**, and **963E00** is the 20% darker color. If you saturate the color by 10%, you get **D36413**, and if you desaturate by 10%, it is **D37C3D**.

# Distribution



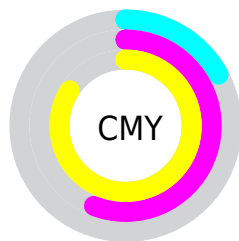
- Red (83%)
- Green (44%)
- Blue (16%)



- Red (83%)
- Yellow (64%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (17%)



- Cyan (17%)
- Magenta (56%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37028 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 D37028 by changing the saturation by 10% instead.



 D37028

 D37028

FFFFFF

 B4570A

 FFA55B

 963E00

 FFC075

 782600

 FFDD90

 5B0B00

 FFF9AB

 3F0000

 FFFFC7

 260001

 FFFF E3

 000000

 D37028

 D37028

 D36413

 D37C3D

 D35900

 D38852

 D39567

 D3A17C

 D3AD92

 D3B9A7

 D3C6BC

 D3D2D1

 D3DEE6

# Harmonies

## Analogous

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



EC5959



D37028



A98700

# Triad

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



D37028



00A485



817DEE

# Complementary

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



D37028



288BD3

# 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.



0092FB



D37028



00A4BE

# Square

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



D37028



03A04B



009FE9



CA63C7

# Rectangle

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



D37028



869200



009FE9



5985F6

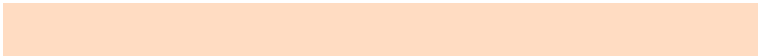


# Sweetspot

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



D37028



FFDCC2



D3288C



806A5B



000000



808080



# Same Dimension

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



D37028



FF7008



D3C528



69625E



A84700



291100



# Inverse Universe

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



288BD3



0897FF



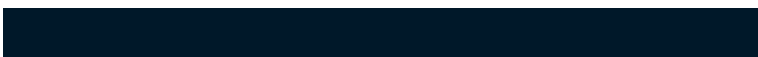
2836D3



5E6469



0061A8



001829



# Previews

## White Background



This preview shows how the Hex color D37028 looks on a white background.

## Color Contrast Check

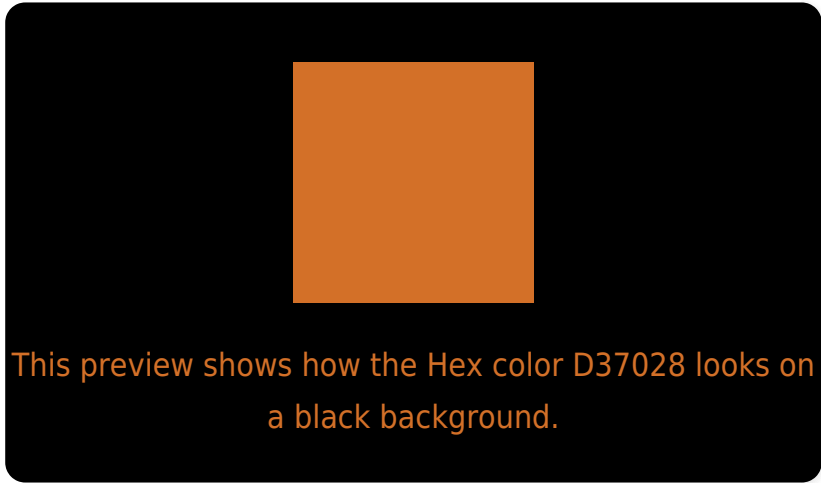
Large Text (above 18pt) WCAG AA ✓ Pass

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 D37028 Background



This preview shows how black text looks on a background with the Hex color D37028.



This preview shows how white text looks on a background with the Hex color D37028.

# 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**  
D37028

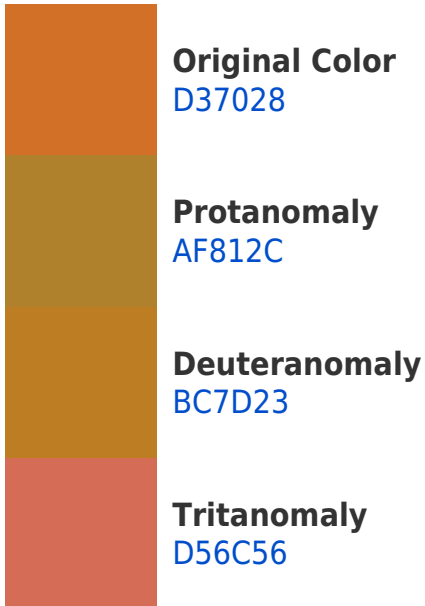
**Protanopia**  
9B8B2F

**Deuteranopia**  
AF8420

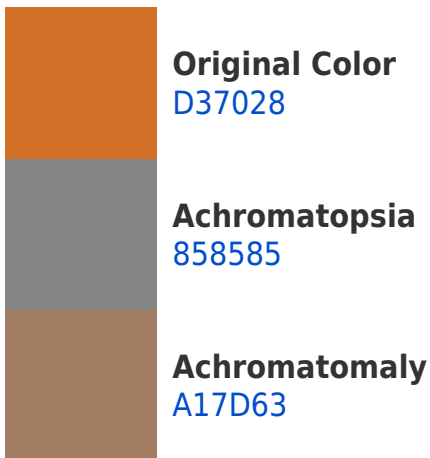


**Tritanopia**  
D66970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37028 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 #D37028 looks like.

```
.text, #text, p{  
    color:#D37028  
}
```

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 #D37028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37028
}
```

## Border

The CSS property to change the border of an element to Hex D37028 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
#D37028 }
```

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

```
.border{ border-color:#D37028 }
```

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

Here you see how a box with a 4 pixel #D37028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37028; -webkit-box-shadow:4px 4px  
4px 4px #D37028; box-shadow:4px 4px 4px  
4px #D37028 }
```

# Background

The CSS property to change the background color of an element to Hex D37028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37028 }
```

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

```
.background{ background-color:#D37028 }
```

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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