

# Converting Colors

Hex(D36427)

Have a look what the booklet for  
Hex(D36427) contains.

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**Color**

**Hex(D36427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D36427
RGB	211, 100, 39
RGB Percent	83%, 39%, 15%
CMY	0.1725, 0.6078, 0.8471
CMYK	0.00, 0.53, 0.82, 0.17
HSL	21°, 69%, 49%
HSV	21°, 82%, 83%
XYZ	31.7873, 23.1097, 4.7047
YIQ	126.2350, 85.7370, 4.5610

# Conversions

## Conversions Part 2

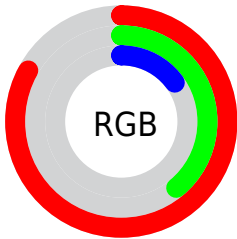
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 134, 39
Decimal	13853735
CIE <sub>Lab</sub>	55.19, 40.23, 52.55
CIE <sub>LCh</sub>	55, 66.183, 52.564
Yxy	23.1097, 0.5333, 0.3877
Android (android.graphics.Color)	4292043815 (0xFFD36427)
YUV	126.2350, -43.0069, 74.3389
Hunter-Lab	48.0726, 33.9038, 27.8483

# Details

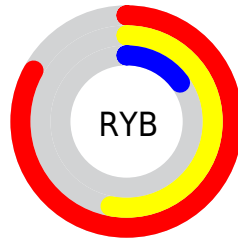
The Hex color **D36427** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2796D3**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9959**, and **953100** is the 20% darker color. If you saturate the color by 10%, you get **D35612**, and if you desaturate by 10%, it is **D3723C**.

# Distribution



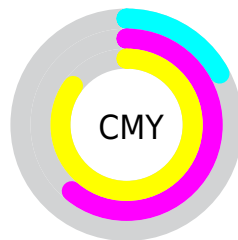
- Red (83%)
- Green (39%)
- Blue (15%)



- Red (83%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (61%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D36427 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 D36427 by changing the saturation by 10% instead.



 D36427

 D36427

FFFFFFF

 B44A0B

 FF9959

 953100

 FFB473

 771600

 FFD18D

 5A0000

 FFEDA8

 3D0000

 FFFFC4

 210001

 FFFFEO

 000000

 FFFFFD

 D36427

 D36427

 D35612

 D3723C

 D34B00

 D37F51

 D38D66

 D39A7B

 D3A891

 D3B6A6

 D3C3BB

 D3D1D0

 D3DFE5

# Harmonies

## Analogous

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



E84C5C



D36427



AB7D00

# Triad

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



D36427



009D73



647BEF

# Complementary

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



D36427



2796D3

# 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.



008FF6



D36427



009EAF

# Square

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



D36427



1C9839



009ADF



BB60CB

# Rectangle

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



D36427



888900



009ADF



2183F5



# Sweetspot

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



D36427



FFD8C2



D32797



80685B



000000



808080



# Same Dimension

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



D36427



FF5E05



D3B927



69625E



A83C00



290E00

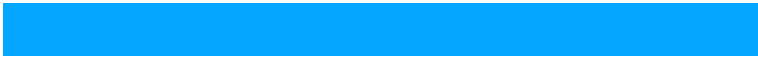


# Inverse Universe

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



2796D3



05A6FF



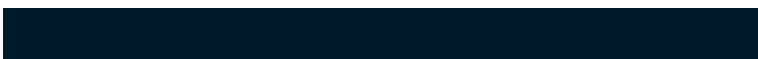
2741D3



5E6569



006DA8



001A29



# Previews

## White Background



This preview shows how the Hex color D36427 looks on a white background.

## Color Contrast Check

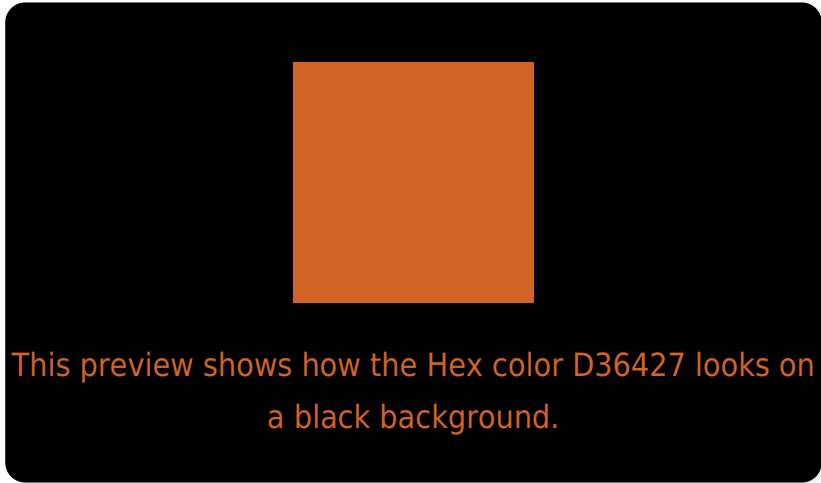
Large Text (above 18pt) WCAG AA ✓ Pass

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 D36427 Background



This preview shows how black text looks on a background with the Hex color D36427.




This preview shows how white text looks on a background with the Hex color D36427.

# 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**  
D65E64

# Trichromacy



**Original Color**  
D36427

**Protanomaly**  
AB792D

**Deuteranomaly**  
B77521

**Tritanomaly**  
D5604E

# Monochromacy



**Original Color**  
D36427

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
9D755E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D36427 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 #D36427 looks like.

```
.text, #text, p{  
    color:#D36427  
}
```

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 #D36427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36427  
}
```

## Border

The CSS property to change the border of an element to Hex D36427 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  
#D36427 }
```

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

```
.border{ border-color:#D36427 }
```

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

Here you see how a box with a 4 pixel #D36427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36427; -webkit-box-shadow:4px 4px  
4px 4px #D36427; box-shadow:4px 4px 4px  
4px #D36427 }
```

# Background

The CSS property to change the background color of an element to Hex D36427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36427 }
```

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

```
.background{ background-color:#D36427 }
```

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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