

Converting Colors

Hex(D36413)

Have a look what the booklet for
Hex(D36413) contains.

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Color

Hex(D36413)

Conversions

Conversions Part 1

Format	Color
Hex	D36413
RGB	211, 100, 19
RGB Percent	83%, 39%, 7%
CMY	0.1725, 0.6078, 0.9255
CMYK	0.00, 0.53, 0.91, 0.17
HSL	25°, 83%, 45%
HSV	25°, 91%, 83%
XYZ	31.5387, 23.0102, 3.3952
YIQ	123.9550, 92.1570, -1.6590

Conversions

Conversions Part 2

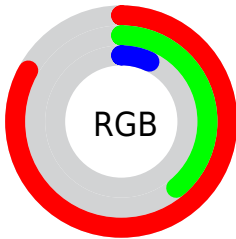
Format	Color
R_{YB}	211, 159, 19
Decimal	13853715
CIE _{Lab}	55.08, 39.76, 59.61
CIE _{LCh}	55, 71.652, 56.292
Yxy	23.0102, 0.5443, 0.3971
Android (android.graphics.Color)	4292043795 (0xFFD36413)
YUV	123.9550, -51.7428, 76.3385
Hunter-Lab	47.9690, 33.4145, 29.3818

Details

The Hex color **D36413** 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 **1382D3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF994A**, and **953100** is the 20% darker color. If you saturate the color by 10%, you get **D35900**, and if you desaturate by 10%, it is **D37028**.

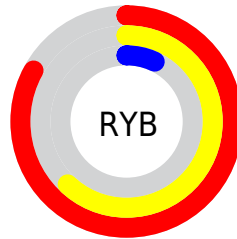
Distribution



Red (83%)

Green (39%)

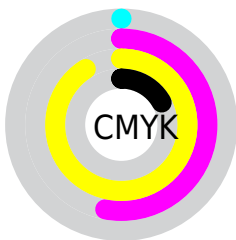
Blue (7%)



Red (83%)

Yellow (62%)

Blue (7%)

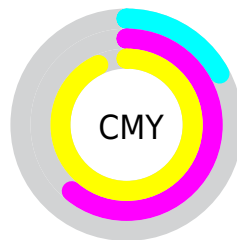


Cyan (0%)

Magenta (53%)

Yellow (91%)

Black (17%)



Cyan (17%)

Magenta (61%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D36413 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 D36413 by changing the saturation by 10% instead.

 D36413

 D36413

FFFFFF

 B44A00

 FF994A

 953100

 FFB464

 771600

 FFD07E

 590000

 FFED99

 3D0000

 FFFF85

 200001

 FFFFD1

 000000

 FFFFEE

 D36413

 D36413

 D35900

 D37028

 D37C3D

 D38952

 D39567

 D3A17C

 D3AD92

 D3B9A7

 D3C6BC

 D3D2D1

Harmonies

Analogous

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



ED4651



D36413



A57F00

Triad

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



D36413



009F7A



6E77F4

Complementary

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



D36413



1382D3

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.



008EFF



D36413



009FB9

Square

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



D36413



009A39



009BEB



C657CA

Rectangle

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



D36413



7F8B00



009BEB



2F80FC

Sweetspot

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



D36413



FFD7BA



D31383



806857



000000



808080

Same Dimension

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



D36413



FF6C00



D3C313



69635E



A84700



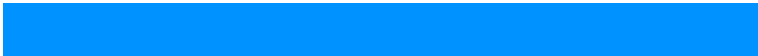
291100

Inverse Universe

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



1382D3



0093FF



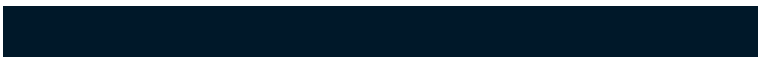
1323D3



5E6469



0061A8



001829

Previews

White Background



This preview shows how the Hex color D36413 looks on a white background.

Color Contrast Check

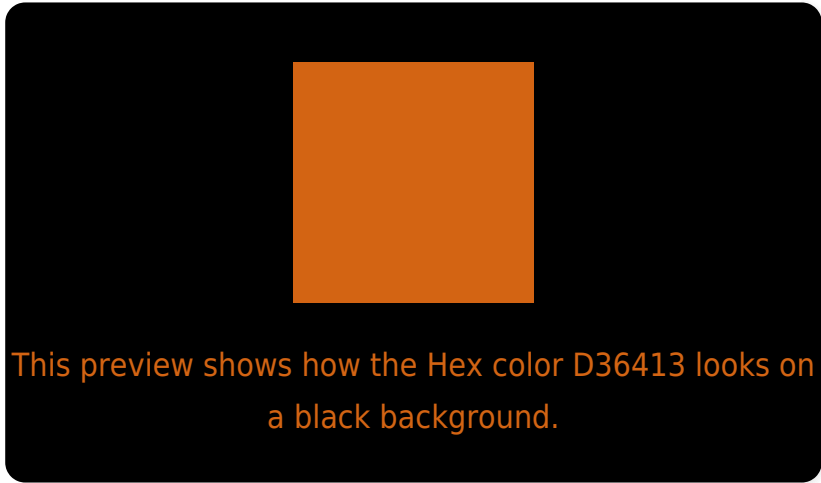
Large Text (above 18pt) WCAG AA ✓ Pass

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 D36413 Background



This preview shows how black text looks on a background with the Hex color D36413.



This preview shows how white text looks on a background with the Hex color D36413.

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
D36413

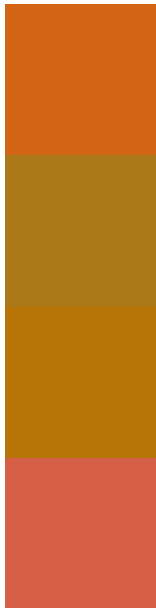
Protanopia
95851C

Deuteranopia
A77E00



Tritanopia
D65D63

Trichromacy



Original Color
D36413

Protanomaly
AC7919

Deuteranomaly
B77507

Tritanomaly
D56046

Monochromacy



Original Color
D36413

Achromatopsia
7C7C7C

Achromatomaly
9C7356

CSS Examples

Text

The CSS property to change the color of the text to Hex D36413 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 #D36413 looks like.

```
.text, #text, p{  
    color:#D36413  
}
```

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 #D36413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36413
}
```

Border

The CSS property to change the border of an element to Hex D36413 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
#D36413 }
```

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

```
.border{ border-color:#D36413 }
```

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

Here you see how a box with a 4 pixel #D36413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36413; -webkit-box-shadow:4px 4px  
4px 4px #D36413; box-shadow:4px 4px 4px  
4px #D36413 }
```

Background

The CSS property to change the background color of an element to Hex D36413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36413 }
```

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

```
.background{ background-color:#D36413 }
```

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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