

Converting Colors

Hex(D46413)

Have a look what the booklet for
Hex(D46413) contains.

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Color

Hex(D46413)

Conversions

Conversions Part 1

Format	Color
Hex	D46413
RGB	212, 100, 19
RGB Percent	83%, 39%, 7%
CMY	0.1686, 0.6078, 0.9255
CMYK	0.00, 0.53, 0.91, 0.17
HSL	25°, 84%, 45%
HSV	25°, 91%, 83%
XYZ	31.8261, 23.1584, 3.4087
YIQ	124.2540, 92.7530, -1.4470

Conversions

Conversions Part 2

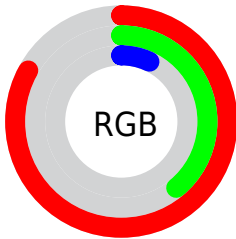
Format	Color
R_{YB}	212, 159, 19
Decimal	13919251
CIE _{Lab}	55.24, 40.16, 59.79
CIE _{LCh}	55, 72.020, 56.112
Yxy	23.1584, 0.5450, 0.3966
Android (android.graphics.Color)	4292109331 (0xFFD46413)
YUV	124.2540, -51.8902, 76.9532
Hunter-Lab	48.1232, 33.8347, 29.4866

Details

The Hex color **D46413** 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 **1383D4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF994A**, and **963100** is the 20% darker color. If you saturate the color by 10%, you get **D45900**, and if you desaturate by 10%, it is **D47028**.

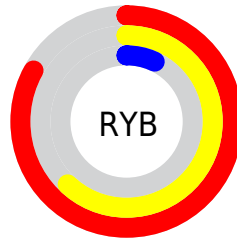
Distribution



Red (83%)

Green (39%)

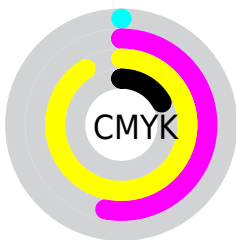
Blue (7%)



Red (83%)

Yellow (62%)

Blue (7%)

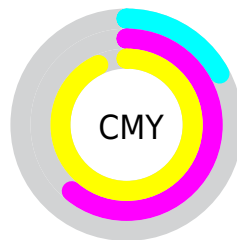


Cyan (0%)

Magenta (53%)

Yellow (91%)

Black (17%)



Cyan (17%)

Magenta (61%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D46413 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 D46413 by changing the saturation by 10% instead.

 D46413

 D46413

FFFFFF

 B54A00

 FF994A

 963100

 FFB464

 771600

 FFD07E

 5A0000

 FFED99

 3D0000

 FFFFB5

 210001

 FFFFD1

 000000

 FFFFEE

 D46413

 D46413

 D45900

 D47028

 D47D3D

 D48953

 D49568

 D4A27D

 D4AE92

 D4BAA7

 D4C6BD

 D4D3D2

Harmonies

Analogous

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



EE4552



D46413



A67F00

Triad

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



D46413



009F7A



6E77F6

Complementary

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



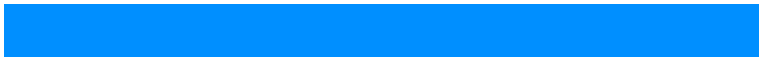
D46413



1383D4

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.



008FFF



D46413



00A0BA

Square

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



D46413



009B39



009BEC



C657CB

Rectangle

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



D46413



808C00



009BEC



2C80FD

Sweetspot

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



D46413



FFD7BA



D41384



806857



000000



808080

Same Dimension

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



D46413



FF6B00



D4C413



6B6560



AB4800



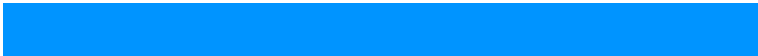
2B1200

Inverse Universe

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



1383D4



0094FF



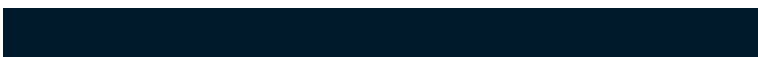
1323D4



60676B



0063AB



00192B

Previews

White Background



This preview shows how the Hex color D46413 looks on a white background.

Color Contrast Check

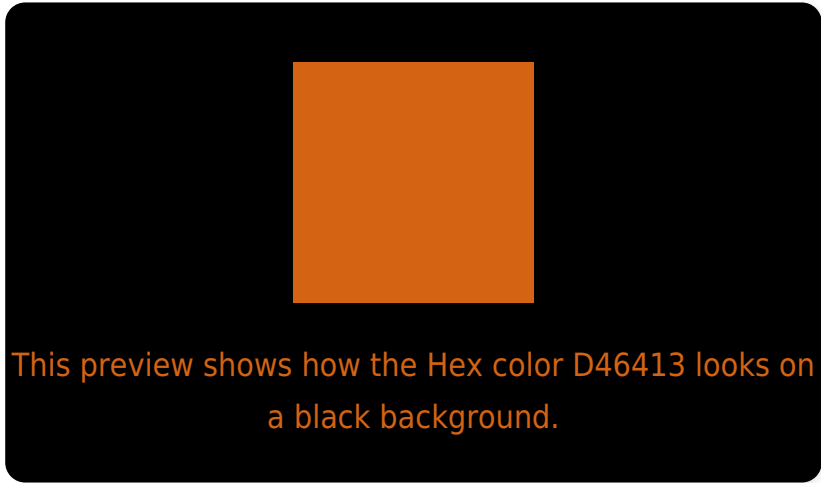
Large Text (above 18pt) WCAG AA ✓ Pass

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 D46413 Background



This preview shows how black text looks on a background with the Hex color D46413.



This preview shows how white text looks on a background with the Hex color D46413.

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
D46413

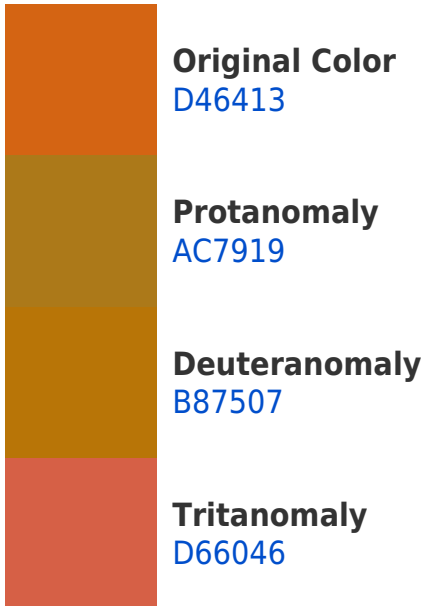
Protanopia
95851C

Deuteranopia
A87E00



Tritanopia
D75D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D46413 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 #D46413 looks like.

```
.text, #text, p{  
    color:#D46413  
}
```

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 #D46413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46413
}
```

Border

The CSS property to change the border of an element to Hex D46413 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
#D46413 }
```

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

```
.border{ border-color:#D46413 }
```

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

Here you see how a box with a 4 pixel #D46413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46413; -webkit-box-shadow:4px 4px  
4px 4px #D46413; box-shadow:4px 4px 4px  
4px #D46413 }
```

Background

The CSS property to change the background color of an element to Hex D46413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46413 }
```

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

```
.background{ background-color:#D46413 }
```

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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