

Converting Colors

Hex(D46A00)

Have a look what the booklet for
Hex(D46A00) contains.

Hex(D46A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D46A00)

Conversions

Conversions Part 1

Format	Color
Hex	D46A00
RGB	212, 106, 0
RGB Percent	83%, 42%, 0%
CMY	0.1686, 0.5843, 1.0000
CMYK	0.00, 0.50, 1.00, 0.17
HSL	30°, 100%, 42%
HSV	30°, 100%, 83%
XYZ	32.3054, 24.3051, 2.9887
YIQ	125.6100, 97.2020, -10.4940

Conversions

Conversions Part 2

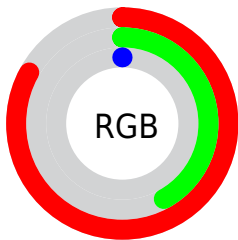
Format	Color
R_{YB}	212, 212, 0
Decimal	13920768
CIE Lab	56.39, 36.90, 64.48
CIE LCh	56, 74.297, 60.217
Yxy	24.3051, 0.5420, 0.4078
Android (android.graphics.Color)	4292110848 (0xFFD46A00)
YUV	125.6100, -61.9257, 75.7640
Hunter-Lab	49.3002, 30.6920, 30.9159

Details

The Hex color **D46A00** 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 **006AD4**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9F42**, and **963800** is the 20% darker color. If you saturate the color by 10%, you get **D46A00**, and if you desaturate by 10%, it is **D47515**.

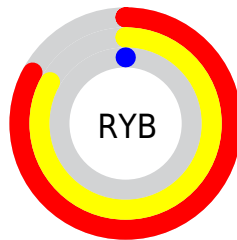
Distribution



Red (83%)

Green (42%)

Blue (0%)



Red (83%)

Yellow (83%)

Blue (0%)

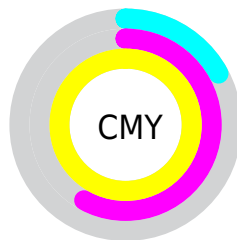


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D46A00 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 D46A00 by changing the saturation by 10% instead.

 D46A00

 D46A00

FFFFFF

 B55100

 FF9F42

 963800

 FFBA5D

 771F00

 FFD677

 5A0100

 FFF392

 3E0000

 FFFF4E

 230001

 FFFFC4

 000000

 FFFF77

 D46A00

 D47515

 D47F2A

 D48A40

 D49455

 D49F6A

 D4AA7F

 D4B494

 D4BFAA

 D4C9BF

Harmonies

Analogous

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



F3494A



D46A00



A38500

Triad

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



D46A00



00A386



8176F8

Complementary

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



D46A00



006AD4

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



D46A00



00A3C7

Square

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



D46A00



009F42



009EF8



D353C9

Rectangle

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



D46A00



7A9100



009EF8



4E7FFF

Sweetspot

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



D46A00



FFD9B3



D4006A



806952



000000



808080

Same Dimension

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



D46A00



FF8000



D4D400



6B6660



AB5500



2B1600

Inverse Universe

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



006AD4



0080FF



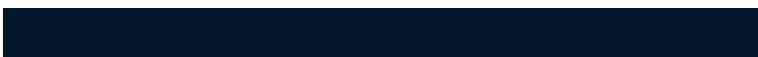
0000D4



60666B



0055AB



00162B

Previews

White Background



This preview shows how the Hex color D46A00 looks on a white background.

Color Contrast Check

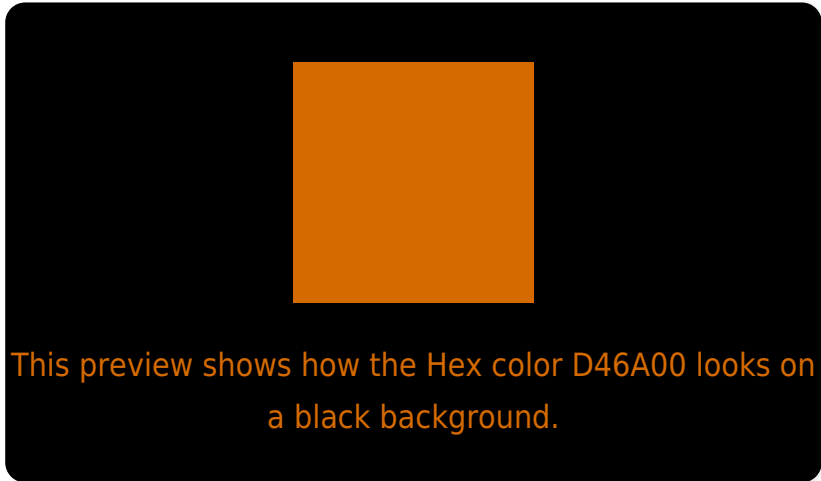
Large Text (above 18pt) WCAG AA ✓ Pass

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 D46A00 Background



This preview shows how black text looks on a background with the Hex color D46A00.



This preview shows how white text looks on a background with the Hex color D46A00.

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
D46A00

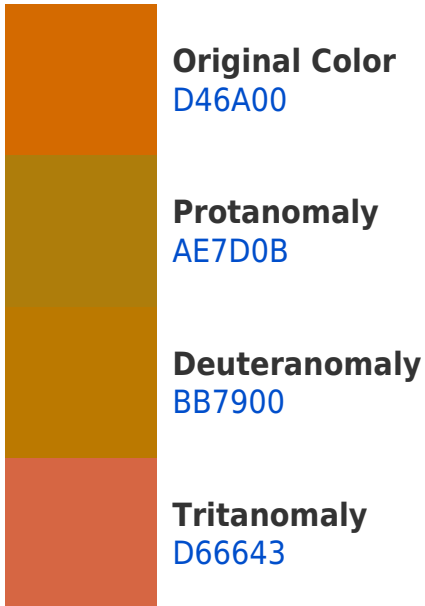
Protanopia
998812

Deuteranopia
AC8100



Tritanopia
D76369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D46A00 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 #D46A00 looks like.

```
.text, #text, p{  
    color:#D46A00  
}
```

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 #D46A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46A00
}
```

Border

The CSS property to change the border of an element to Hex D46A00 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
#D46A00 }
```

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

```
.border{ border-color:#D46A00 }
```

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

Here you see how a box with a 4 pixel #D46A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46A00; -webkit-box-shadow:4px 4px  
4px 4px #D46A00; box-shadow:4px 4px 4px  
4px #D46A00 }
```

Background

The CSS property to change the background color of an element to Hex D46A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46A00 }
```

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

```
.background{ background-color:#D46A00 }
```

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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