

Converting Colors

Hex(D46700)

Have a look what the booklet for
Hex(D46700) contains.

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Color

Hex(D46700)

Conversions

Conversions Part 1	
Format	Color
Hex	D46700
RGB	212, 103, 0
RGB Percent	83%, 40%, 0%
CMY	0.1686, 0.5961, 1.0000
CMYK	0.00, 0.51, 1.00, 0.17
HSL	29°, 100%, 42%
HSV	29°, 100%, 83%
XYZ	32.0016, 23.6975, 2.8874
YIQ	123.8490, 98.0270, -8.9250

Conversions

Conversions Part 2

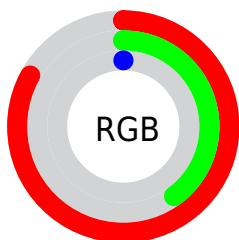
Format	Color
RYB	212, 200, 0
Decimal	13920000
CIELab	55.78, 38.43, 64.12
CIELCh	56, 74.757, 59.066
Yxy	23.6975, 0.5462, 0.4045
Android (android.graphics.Color)	4292110080 (0xFFD46700)
YUV	123.8490, -61.0576, 77.3084
Hunter-Lab	48.6801, 32.1532, 30.5594

Details

The Hex color **D46700** 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 **006DD4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9C41**, and **963400** is the 20% darker color. If you saturate the color by 10%, you get **D46700**, and if you desaturate by 10%, it is **D47215**.

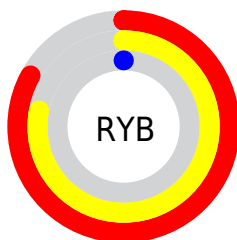
Distribution



Red (83%)

Green (40%)

Blue (0%)



Red (83%)

Yellow (78%)

Blue (0%)

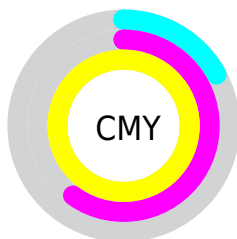


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D46700 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 D46700 by changing the saturation by 10% instead.

 D46700

 D46700

FFFFFF

 B54E00

 FF9C41

 963400

 FFB75C

 771B00

 FFD377

 5A0000

 FFF092

 3D0000

 FFFFAD

 220001

 FFFFC9

 000000

 FFFFE6

 D46700

 D47215

 D47D2A

 D48840

 D49355

 D49E6A

 D4A87F

 D4B394

 D4BEAA

 D4C9BF

Harmonies

Analogous

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



F2464B



D46700



A38200

Triad

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



D46700



00A282



7A75F8

Complementary

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



D46700



006DD4

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



D46700



00A2C3

Square

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



D46700



009D3D



009DF5



D052CA

Rectangle

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



D46700



7A8F00



009DF5



427FFF

Sweetspot

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



D46700



FFD8B3



D4006E



806852



000000



808080

Same Dimension

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



D46700



FF7C00



D4D000



6B6660



AB5300



2B1500

Inverse Universe

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



006DD4



0083FF



0004D4



60666B



0058AB



00162B

Previews

White Background



This preview shows how the Hex color D46700 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



This preview shows how the Hex color D46700 looks on a 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 D46700 Background



This preview shows how black text looks on a background with the Hex color D46700.



This preview shows how white text looks on a background with the Hex color D46700.

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

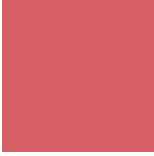
D46700

Protanopia

978713

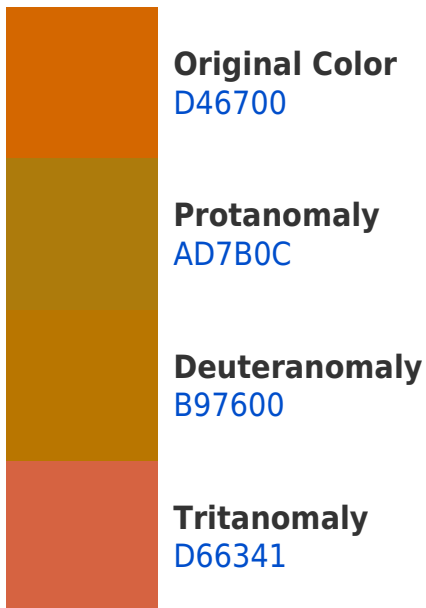
Deuteranopia

AA7F00



Tritanopia
D76066

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D46700 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 #D46700 looks like.

```
.text, #text, p{  
    color:#D46700  
}
```

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 #D46700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46700
}
```

Border

The CSS property to change the border of an element to Hex D46700 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
#D46700 }
```

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

```
.border{ border-color:#D46700 }
```

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

Here you see how a box with a 4 pixel #D46700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46700; -webkit-box-shadow:4px 4px  
4px 4px #D46700; box-shadow:4px 4px 4px  
4px #D46700 }
```

Background

The CSS property to change the background color of an element to Hex D46700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46700 }
```

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

```
.background{ background-color:#D46700 }
```

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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