

Converting Colors

Hex(D96301)

Have a look what the booklet for
Hex(D96301) contains.

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Color

Hex(D96301)

Conversions

Conversions Part 1

Format	Color
Hex	D96301
RGB	217, 99, 1
RGB Percent	85%, 39%, 0%
CMY	0.1490, 0.6118, 0.9961
CMYK	0.00, 0.54, 1.00, 0.15
HSL	27°, 99%, 43%
HSV	27°, 100%, 85%
XYZ	33.0826, 23.6776, 2.8553
YIQ	123.1100, 101.7860, -5.4620

Conversions

Conversions Part 2

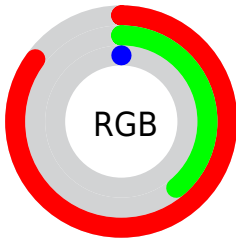
Format	Color
RYB	217, 180, 1
Decimal	14246657
CIELab	55.76, 42.39, 64.31
CIELCh	56, 77.024, 56.610
Yxy	23.6776, 0.5549, 0.3972
Android (android.graphics.Color)	4292436737 (0xFFD96301)
YUV	123.1100, -60.2002, 82.3415
Hunter-Lab	48.6596, 36.2038, 30.5826

Details

The Hex color **D96301** 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 **0177D9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9842**, and **9A2F00** is the 20% darker color. If you saturate the color by 10%, you get **D96200**, and if you desaturate by 10%, it is **D96F17**.

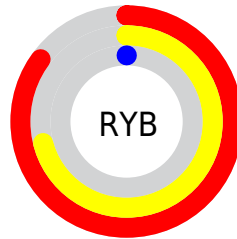
Distribution



Red (85%)

Green (39%)

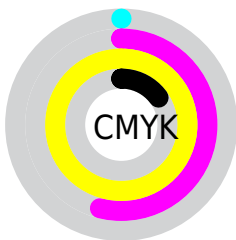
Blue (0%)



Red (85%)

Yellow (71%)

Blue (0%)

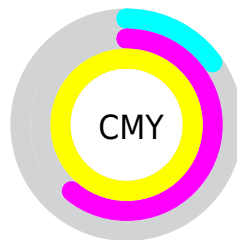


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D96301 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 D96301 by changing the saturation by 10% instead.

 D96301

 D96301

FFFFFF

 B94900

 FF9842

 9A2F00

 FFB45C

 7B1300

 FFD077

 5D0000

 FFEC92

 410000

 FFFFAD

 260001

 FFFFC9

 000000

 FFFFEE

 D96301

 D96301

 D96200

 D96F17

 D97B2C

 D98742

 D99258

 D99E6E

 D9AA83

 D9B699

 D9C2AF

 D9CEC4

Harmonies

Analogous

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



F63F4E



D96301



A88000

Triad

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



D96301



00A27C



6D77FF

Complementary

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



D96301



0177D9

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.



0091FF



D96301



00A3C0

Square

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



D96301



009D35



009EF5



CD53D0

Rectangle

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



D96301



7F8E00



009EF5



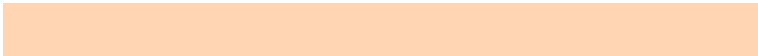
1881FF

Sweetspot

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



D96301



FFD5B3



D90178



806652



000000



808080

Same Dimension

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



D96301



FF7400



D9CE01



6E6863



AD4F00



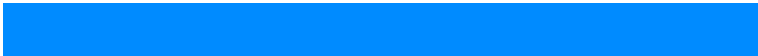
2E1500

Inverse Universe

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



0177D9



008BFF



010CD9



63696E



005FAD



00192E

Previews

White Background



This preview shows how the Hex color D96301 looks on a white background.

Color Contrast Check

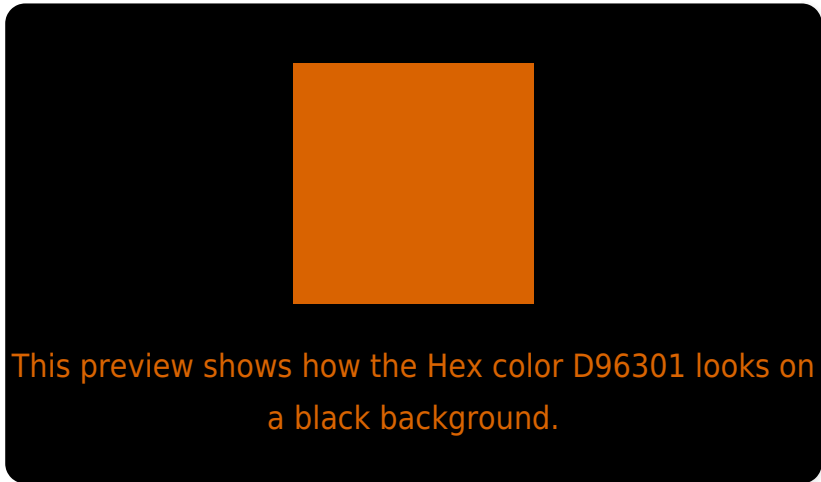
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96301 Background



This preview shows how black text looks on a background with the Hex color D96301.



This preview shows how white text looks on a background with the Hex color D96301.

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

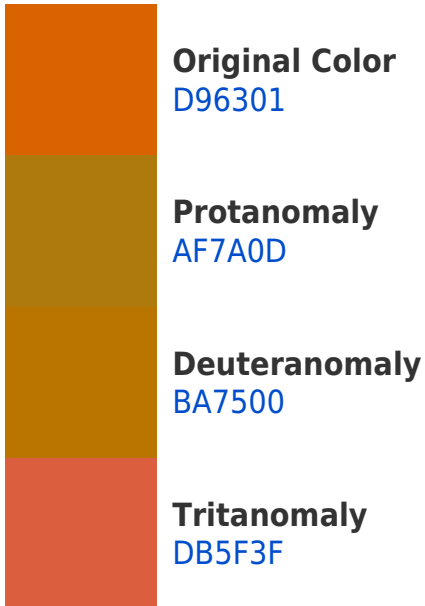


Original Color
D96301

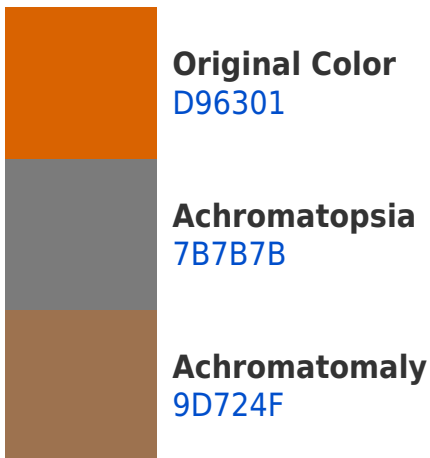
Protanopia
978714

Deuteranopia
A97F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D96301 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 #D96301 looks like.

```
.text, #text, p{  
    color:#D96301  
}
```

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 #D96301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96301
}
```

Border

The CSS property to change the border of an element to Hex D96301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

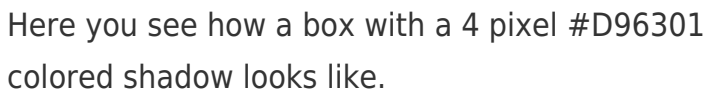
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D96301 }
```

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

```
.border{ border-color:#D96301 }
```

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



Here you see how a box with a 4 pixel #D96301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96301; -webkit-box-shadow:4px 4px  
4px 4px #D96301; box-shadow:4px 4px 4px  
4px #D96301 }
```

Background

The CSS property to change the background color of an element to Hex D96301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96301 }
```

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

```
.background{ background-color:#D96301 }
```

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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