

Converting Colors

Hex(D56701)

Have a look what the booklet for
Hex(D56701) contains.

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Color

Hex(D56701)

Conversions

Conversions Part 1

Format	Color
Hex	D56701
RGB	213, 103, 1
RGB Percent	84%, 40%, 0%
CMY	0.1647, 0.5961, 0.9961
CMYK	0.00, 0.52, 1.00, 0.16
HSL	29°, 99%, 42%
HSV	29°, 100%, 84%
XYZ	32.2963, 23.8488, 2.9298
YIQ	124.2620, 98.3020, -8.4020

Conversions

Conversions Part 2

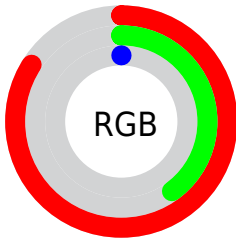
Format	Color
RYB	213, 198, 1
Decimal	13985537
CIELab	55.94, 38.84, 64.10
CIElCh	56, 74.944, 58.788
Yxy	23.8488, 0.5467, 0.4037
Android (android.graphics.Color)	4292175617 (0xFFD56701)
YUV	124.2620, -60.7682, 77.8232
Hunter-Lab	48.8353, 32.5860, 30.6277

Details

The Hex color **D56701** 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 **016FD5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9C42**, and **973400** is the 20% darker color. If you saturate the color by 10%, you get **D56600**, and if you desaturate by 10%, it is **D57216**.

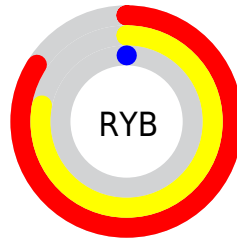
Distribution



Red (84%)

Green (40%)

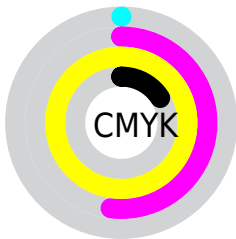
Blue (0%)



Red (84%)

Yellow (78%)

Blue (0%)

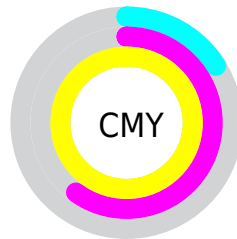


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56701 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 D56701 by changing the saturation by 10% instead.

 D56701

 D56701

FFFFFF

 B64E00

 FF9C42

 973400

 FFB75C

 781A00

 FFD377

 5A0000

 FFF092

 3E0000

 FFFF4E

 230001

 FFFFCA

 000000

 FFFF7E

 D56701

 D56701

 D56600

 D57216

 D57D2C

 D58841

 D59356

 D59E6C

 D5A981

 D5B496

 D5BFAB

 D5CAC1

Harmonies

Analogous

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



F3454C



D56701



A48200

Triad

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



D56701



00A281



7976F9

Complementary

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



D56701



016FD5

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



D56701



00A2C3

Square

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



D56701



009E3D



009DF6



D053CB

Rectangle

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



D56701



7B8F00



009DF6



3F80FF

Sweetspot

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



D56701



FFD7B3



D50172



806852



000000



808080

Same Dimension

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



D56701



FF7B00



D5CE01



6B6660



AB5200



2B1500

Inverse Universe

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



016FD5



0084FF



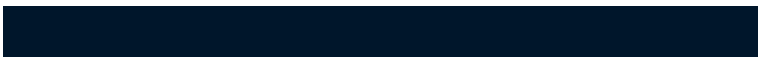
0108D5



60666B



0059AB



00162B

Previews

White Background



This preview shows how the Hex color D56701 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 D56701 Background



This preview shows how black text looks on a background with the Hex color D56701.



This preview shows how white text looks on a background with the Hex color D56701.

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
D56701

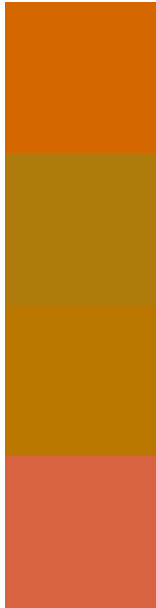
Protanopia
988713

Deuteranopia
AA8000



Tritanopia
D86066

Trichromacy



Original Color
D56701

Protanomaly
AE7B0C

Deuteranomaly
BA7700

Tritanomaly
D76341

Monochromacy



Original Color
D56701

Achromatopsia
7C7C7C

Achromatomaly
9C744F

CSS Examples

Text

The CSS property to change the color of the text to Hex D56701 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 #D56701 looks like.

```
.text, #text, p{  
    color:#D56701  
}
```

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 #D56701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56701
}
```

Border

The CSS property to change the border of an element to Hex D56701 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
#D56701 }
```

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

```
.border{ border-color:#D56701 }
```

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

Here you see how a box with a 4 pixel #D56701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56701; -webkit-box-shadow:4px 4px  
4px 4px #D56701; box-shadow:4px 4px 4px  
4px #D56701 }
```

Background

The CSS property to change the background color of an element to Hex D56701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56701 }
```

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

```
.background{ background-color:#D56701 }
```

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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