

Converting Colors

Hex(D96037)

Have a look what the booklet for
Hex(D96037) contains.

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Color

Hex(D96037)

Conversions

Conversions Part 1

Format	Color
Hex	D96037
RGB	217, 96, 55
RGB Percent	85%, 38%, 22%
CMY	0.1490, 0.6235, 0.7843
CMYK	0.00, 0.56, 0.75, 0.15
HSL	15°, 68%, 53%
HSV	15°, 75%, 85%
XYZ	33.4877, 23.3933, 6.3648
YIQ	127.5050, 85.2770, 12.9010

Conversions

Conversions Part 2

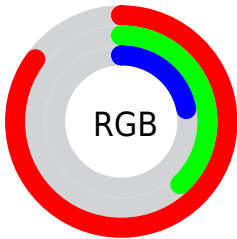
Format	Color
R _Y B	217, 110, 55
Decimal	14245943
CIE Lab	55.48, 45.06, 45.61
CIE LCh	55, 64.118, 45.348
Yxy	23.3933, 0.5295, 0.3699
Android (android.graphics.Color)	4292436023 (0xFFD96037)
YUV	127.5050, -35.7450, 78.4871
Hunter-Lab	48.3666, 38.9470, 26.0544

Details

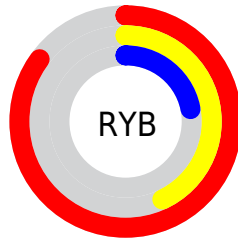
The Hex color **D96037** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **37B0D9**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9668**, and **9B2B06** is the 20% darker color. If you saturate the color by 10%, you get **D95021**, and if you desaturate by 10%, it is **D9704D**.

Distribution



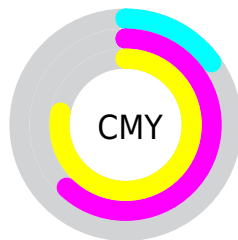
- Red (85%)
- Green (38%)
- Blue (22%)



- Red (85%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D96037 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 D96037 by changing the saturation by 10% instead.

 D96037

 D96037

FFFFFF

 BA461F

 FF9668

 9B2B06

 FFB182

 7D0A00

 FFCD9C

 5F0000

 FFEAB7

 420000

 FFFFD3

 270001

 FFFFF0

 000000

 D96037

 D96037

 D95021

 D9704D

 D9400C

 D98062

 D93700

 D99178

 D9A18E

 D9B1A3

 D9C1B9

 D9D1CF

 D9E2E5

 D9F2FA

Harmonies

Analogous

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



E84C6B



D96037



B67800

Triad

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



D96037



009D67



4382F1

Complementary

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



D96037



37B0D9

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.



0093F1



D96037



009FA1

Square

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



D96037



41972F



009CD3



AB68D4

Rectangle

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



D96037



968600



009CD3



0088F4

Sweetspot

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



D96037



FFD5C7



D937B1



80675E



000000



808080

Same Dimension

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



D96037



FF5419



D9B137



6E6563



AD2C00



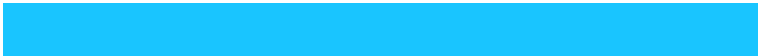
2E0C00

Inverse Universe

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



37B0D9



19C5FF



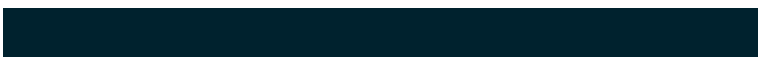
3760D9



636B6E



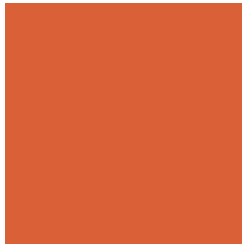
0082AD



00222E

Previews

White Background



This preview shows how the Hex color D96037 looks on a white background.

Color Contrast Check

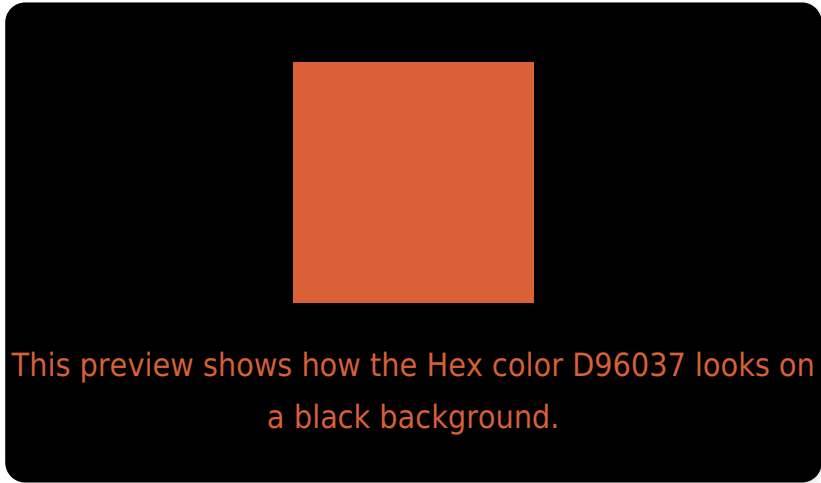
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96037 Background



This preview shows how black text looks on a background with the Hex color D96037.




This preview shows how white text looks on a background with the Hex color D96037.

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](#).

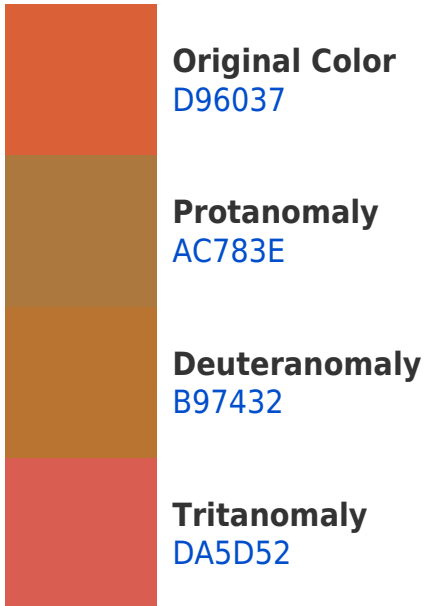
Dichromacy



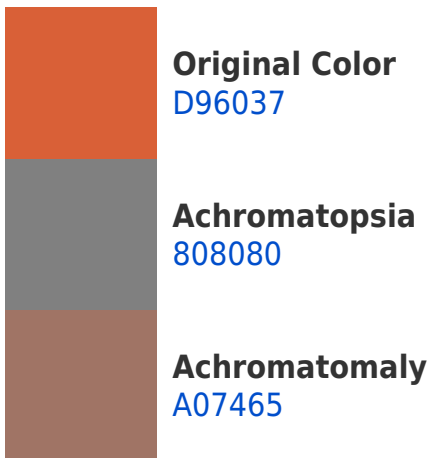


Tritanopia
DB5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D96037 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 #D96037 looks like.

```
.text, #text, p{  
    color:#D96037  
}
```

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 #D96037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96037
}
```

Border

The CSS property to change the border of an element to Hex D96037 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
#D96037 }
```

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

```
.border{ border-color:#D96037 }
```

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

Here you see how a box with a 4 pixel #D96037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96037; -webkit-box-shadow:4px 4px  
4px 4px #D96037; box-shadow:4px 4px 4px  
4px #D96037 }
```

Background

The CSS property to change the background color of an element to Hex D96037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96037 }
```

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

```
.background{ background-color:#D96037 }
```

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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