

Converting Colors

Hex(D76038)

Have a look what the booklet for
Hex(D76038) contains.

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Color

Hex(D76038)

Conversions

Conversions Part 1

Format	Color
Hex	D76038
RGB	215, 96, 56
RGB Percent	84%, 38%, 22%
CMY	0.1569, 0.6235, 0.7804
CMYK	0.00, 0.55, 0.74, 0.16
HSL	15°, 67%, 53%
HSV	15°, 74%, 84%
XYZ	32.9210, 23.0983, 6.4647
YIQ	127.0210, 83.7640, 12.7880

Conversions

Conversions Part 2

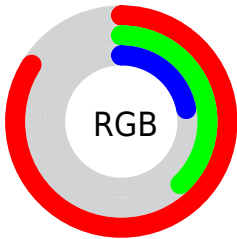
Format	Color
RYB	215, 109, 56
Decimal	14114872
CIELab	55.17, 44.36, 44.69
CIElCh	55, 62.967, 45.213
Yxy	23.0983, 0.5269, 0.3697
Android (android.graphics.Color)	4292304952 (0xFFD76038)
YUV	127.0210, -35.0134, 77.1576
Hunter-Lab	48.0607, 38.1640, 25.6674

Details

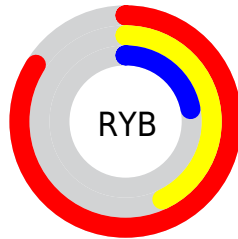
The Hex color **D76038** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **38AFD7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9569**, and **992B07** is the 20% darker color. If you saturate the color by 10%, you get **D75023**, and if you desaturate by 10%, it is **D7704E**.

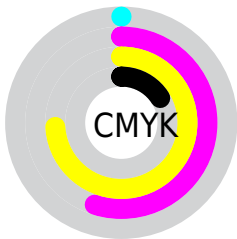
Distribution



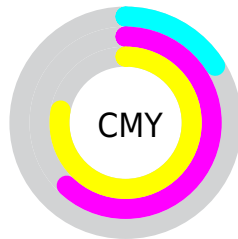
- Red (84%)
- Green (38%)
- Blue (22%)



- Red (84%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (74%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D76038 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 D76038 by changing the saturation by 10% instead.

 D76038

 D76038

FFFFFF

 B84620

 FF9569

 992B07

 FFB183

 7C0B00

 FFCD9D

 5E0000

 FFEAB8

 410000

 FFFFD4

 250001

 FFFFF1

 000000

 D76038

 D76038

 D75023

 D7704E

 D7400D

 D78063

 D73600

 D79079

 D7A08E

 D7B0A4

 D7C1B9

 D7D1CF

 D7E1E4

 D7F1FA

Harmonies

Analogous

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



E54D6B



D76038



B47804

Triad

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



D76038



009C66



4481EE

Complementary

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



D76038



38AFD7

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.



0092EE



D76038



009D9F

Square

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



D76038



439630



009BD1



A968D2

Rectangle

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



D76038



958500



009BD1



0088F1

Sweetspot

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



D76038



FFD5C7



D738AF



80675E



000000



808080

Same Dimension

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



D76038



FF551C



D7AF38



6B6360



AB2B00



2B0B00

Inverse Universe

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



38AFD7



1CC6FF



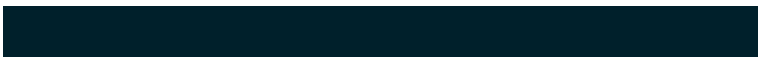
3860D7



60686B



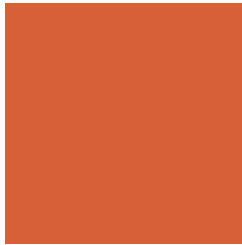
0080AB



00202B

Previews

White Background



This preview shows how the Hex color D76038 looks on a white background.

Color Contrast Check

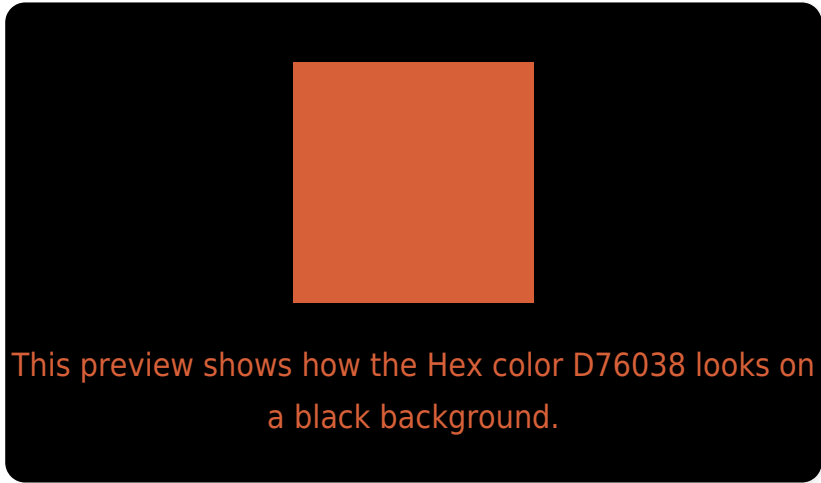
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76038 Background



This preview shows how black text looks on a background with the Hex color D76038.




This preview shows how white text looks on a background with the Hex color D76038.

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
D95B61

Trichromacy



Original Color
D76038



Protanomaly
AB783F



Deuteranomaly
B77334



Tritanomaly
D85D52

Monochromacy



Original Color
D76038



Achromatopsia
7F7F7F



Achromatomaly
9F7465

CSS Examples

Text

The CSS property to change the color of the text to Hex D76038 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 #D76038 looks like.

```
.text, #text, p{  
    color:#D76038  
}
```

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 #D76038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76038
}
```

Border

The CSS property to change the border of an element to Hex D76038 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
#D76038 }
```

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

```
.border{ border-color:#D76038 }
```

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

Here you see how a box with a 4 pixel #D76038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76038; -webkit-box-shadow:4px 4px  
4px 4px #D76038; box-shadow:4px 4px 4px  
4px #D76038 }
```

Background

The CSS property to change the background color of an element to Hex D76038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76038 }
```

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

```
.background{ background-color:#D76038 }
```

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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