

Converting Colors

Hex(D38A3B)

Have a look what the booklet for
Hex(D38A3B) contains.

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Color

Hex(D38A3B)

Conversions

Conversions Part 1

Format	Color
Hex	D38A3B
RGB	211, 138, 59
RGB Percent	83%, 54%, 23%
CMY	0.1725, 0.4588, 0.7686
CMYK	0.00, 0.35, 0.72, 0.17
HSL	31°, 63%, 53%
HSV	31°, 72%, 83%
XYZ	36.7419, 32.3416, 8.4437
YIQ	150.8210, 68.8670, -9.0930

Conversions

Conversions Part 2

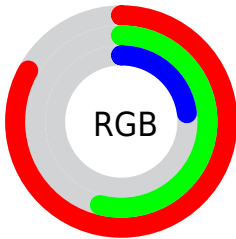
Format	Color
RYB	199, 211, 59
Decimal	13863483
CIELab	63.62, 21.02, 52.00
CIElCh	64, 56.085, 67.985
Yxy	32.3416, 0.4739, 0.4172
Android (android.graphics.Color)	4292053563 (0xFFD38A3B)
YUV	150.8210, -45.2678, 52.7770
Hunter-Lab	56.8697, 15.8018, 31.0057

Details

The Hex color **D38A3B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3B84D3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC06E**, and **985801** is the 20% darker color. If you saturate the color by 10%, you get **D38026**, and if you desaturate by 10%, it is **D39450**.

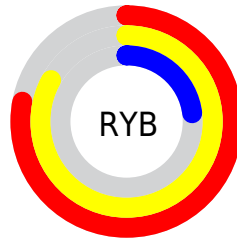
Distribution



Red (83%)

Green (54%)

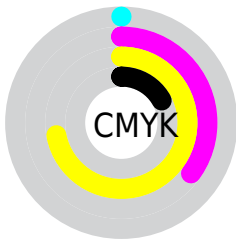
Blue (23%)



Red (78%)

Yellow (83%)

Blue (23%)

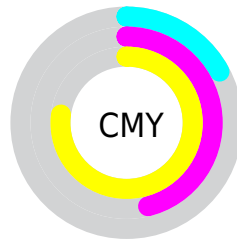


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (17%)



Cyan (17%)

Magenta (46%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D38A3B 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 D38A3B by changing the saturation by 10% instead.

 D38A3B

 D38A3B

FFFFFF

 B57021

 FFC06E

 985801

 FFDB89

 7B4000

 FFF8A4

 5E2A00

 FFFFBF

 431400

 FFFFDC

 2A0000

 FFFFF9

 000000

 D38A3B

 D38A3B

 D38026

 D39450

 D37611

 D39E65

 D36E00

 D3A87A

 D3B38F

 D3BDA5

 D3C7BA

 D3D1CF

 D3DBE4

 D3E5F9

Harmonies

Analogous

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



EF775F



D38A3B



A99C2F

Triad

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



D38A3B



00B3A6



AE87E9

Complementary

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



D38A3B



3B84D3

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.



519BFD



D38A3B



00B1D6

Square

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



D38A3B



0FB073



00A9F6



E174C1

Rectangle

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



D38A3B



87A53C



00A9F6



968EF3

Sweetspot

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



D38A3B



FFE4C7



D33B84



80705E



000000



808080

Same Dimension

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



D38A3B



FF9624



D0D33B



69645E



A85700



291500

Inverse Universe

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



3B84D3



248DFF



3E3BD3



5E6369



0051A8



001429

Previews

White Background



This preview shows how the Hex color D38A3B looks on a white background.

Color Contrast Check

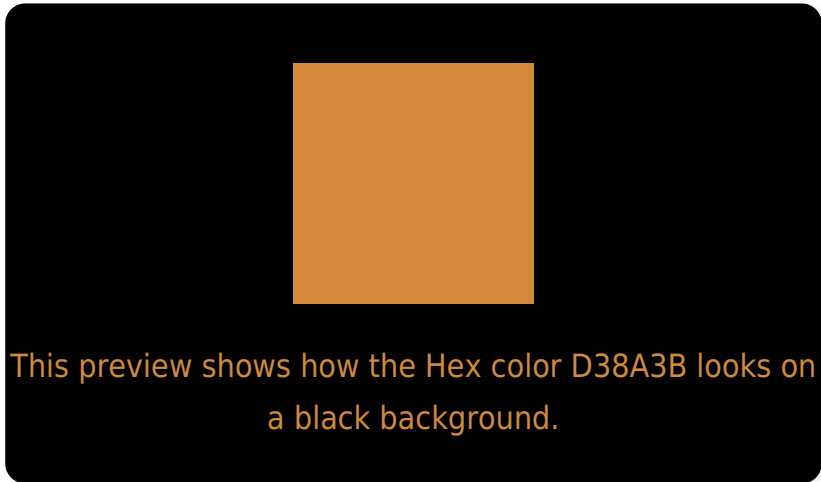
Large Text (above 18pt) WCAG AA × Fail

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

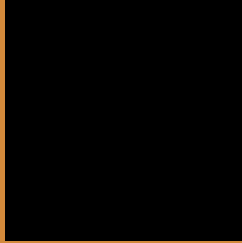
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D38A3B Background



This preview shows how black text looks on a background with the Hex color D38A3B.

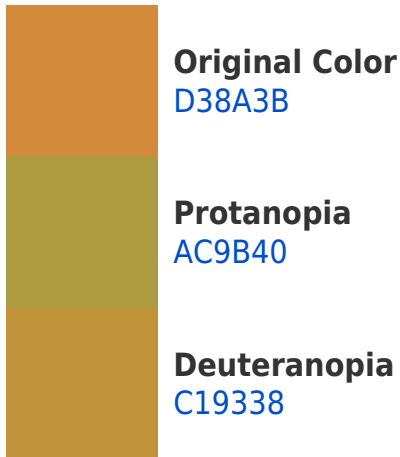


This preview shows how white text looks on a background with the Hex color D38A3B.

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](#).

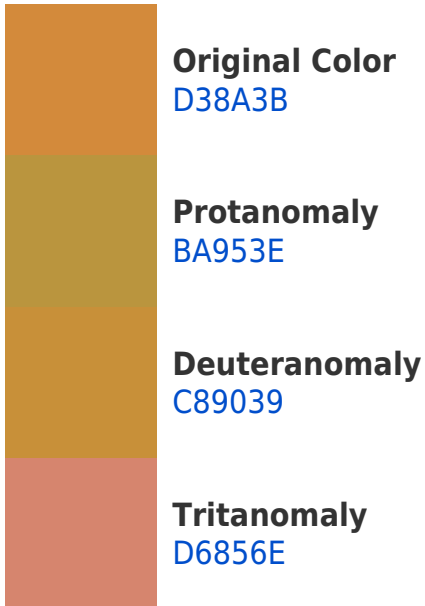
Dichromacy





Tritanopia
D8828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D38A3B 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 #D38A3B looks like.

```
.text, #text, p{  
    color:#D38A3B  
}
```

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 #D38A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38A3B
}
```

Border

The CSS property to change the border of an element to Hex D38A3B 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
#D38A3B }
```

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

```
.border{ border-color:#D38A3B }
```

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

Here you see how a box with a 4 pixel #D38A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38A3B; -webkit-box-shadow:4px 4px  
4px 4px #D38A3B; box-shadow:4px 4px 4px  
4px #D38A3B }
```

Background

The CSS property to change the background color of an element to Hex D38A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38A3B }
```

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

```
.background{ background-color:#D38A3B }
```

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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