

Converting Colors

Hex(D38B1E)

Have a look what the booklet for
Hex(D38B1E) contains.

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Color

Hex(D38B1E)

Conversions

Conversions Part 1

Format	Color
Hex	D38B1E
RGB	211, 139, 30
RGB Percent	83%, 55%, 12%
CMY	0.1725, 0.4549, 0.8824
CMYK	0.00, 0.34, 0.86, 0.17
HSL	36°, 75%, 47%
HSV	36°, 86%, 83%
XYZ	36.3309, 32.4079, 5.5688
YIQ	148.1020, 77.9010, -18.6350

Conversions

Conversions Part 2

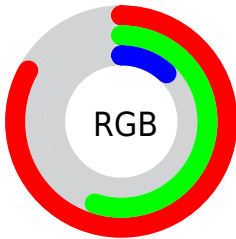
Format	Color
RYB	150, 211, 30
Decimal	13863710
CIELab	63.68, 19.43, 63.14
CIElCh	64, 66.059, 72.898
Yxy	32.4079, 0.4889, 0.4361
Android (android.graphics.Color)	4292053790 (0xFFD38B1E)
YUV	148.1020, -58.2243, 55.1615
Hunter-Lab	56.9279, 14.2934, 34.0497

Details

The Hex color **D38B1E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1E66D3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC156**, and **975900** is the 20% darker color. If you saturate the color by 10%, you get **D38309**, and if you desaturate by 10%, it is **D39333**.

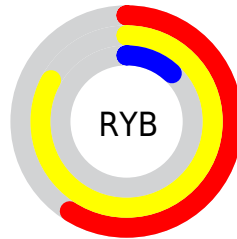
Distribution



Red (83%)

Green (55%)

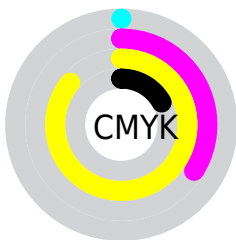
Blue (12%)



Red (59%)

Yellow (83%)

Blue (12%)

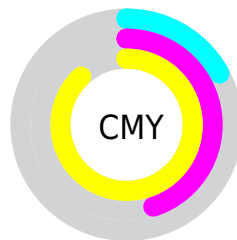


Cyan (0%)

Magenta (34%)

Yellow (86%)

Black (17%)



Cyan (17%)

Magenta (45%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D38B1E 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 D38B1E by changing the saturation by 10% instead.

 D38B1E

 D38B1E

FFFFFF

 B57200

 FFC156

 975900

 FFDC71

 7A4100

 FFF98C

 5D2B00

 FFFFA8

 411600

 FFFFC4

 280000

 FFFFE1

 000000

FFFFFFE

 D38B1E

 D38B1E

 D38309

 D39333

 D37F00

 D39C48

 D3A45D

 D3AD72

 D3B587

 D3BD9D

 D3C6B2

 D3CEC7

 D3D7DC

Harmonies

Analogous

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



F7724C



D38B1E



A09F0F

Triad

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



D38B1E



00B6B3



BD7FF1

Complementary

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



D38B1E



1E66D3

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.



4E98FF



D38B1E



00B3E9

Square

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



D38B1E



00B475



00AAFF



F367BE

Rectangle

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



D38B1E



76A92C



00AAFF



A288FE

Sweetspot

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



D38B1E



FFE5BD



D31E66



807058



000000



808080

Same Dimension

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



D38B1E



FF9A00



C1D31E



69645E



A86500



291900

Inverse Universe

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



1E66D3



0065FF



301ED3



5E6269



0043A8



001029

Previews

White Background



This preview shows how the Hex color D38B1E looks on a white background.

Color Contrast Check

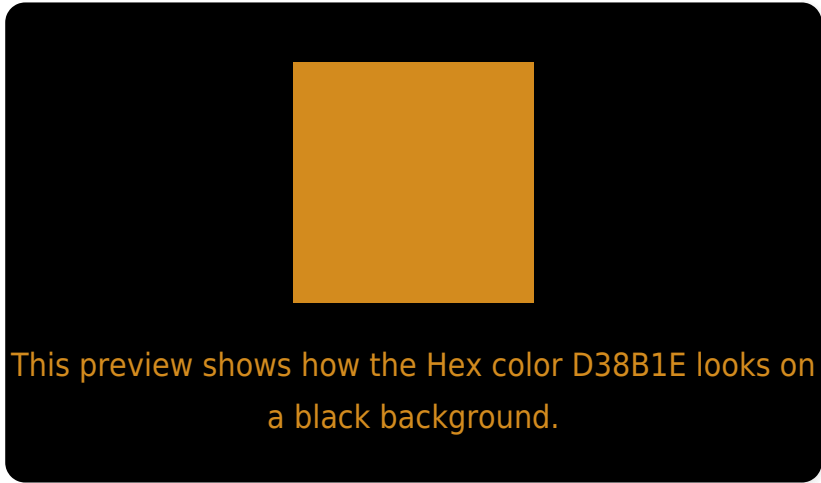
Large Text (above 18pt) WCAG AA × Fail

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 D38B1E Background



This preview shows how black text looks on a background with the Hex color D38B1E.

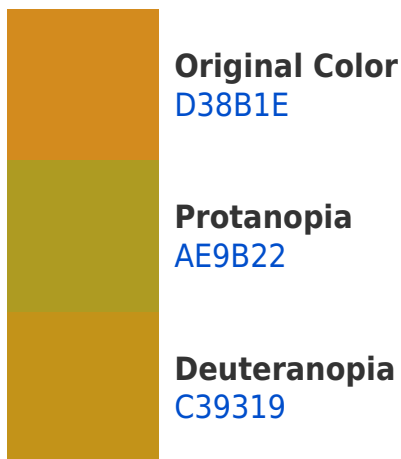


This preview shows how white text looks on a background with the Hex color D38B1E.

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



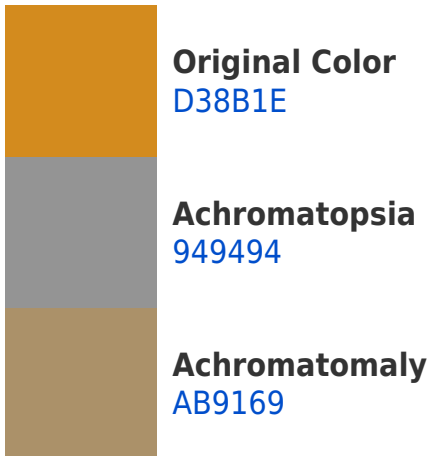


Tritanopia
D9828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D38B1E 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 #D38B1E looks like.

```
.text, #text, p{  
    color:#D38B1E  
}
```

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 #D38B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38B1E
}
```

Border

The CSS property to change the border of an element to Hex D38B1E 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
#D38B1E }
```

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

```
.border{ border-color:#D38B1E }
```

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

Here you see how a box with a 4 pixel #D38B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38B1E; -webkit-box-shadow:4px 4px  
4px 4px #D38B1E; box-shadow:4px 4px 4px  
4px #D38B1E }
```

Background

The CSS property to change the background color of an element to Hex D38B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38B1E }
```

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

```
.background{ background-color:#D38B1E }
```

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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