

# Converting Colors

Hex(D38E1C)

Have a look what the booklet for  
Hex(D38E1C) contains.

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# **Color**

**Hex(D38E1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D38E1C
RGB	211, 142, 28
RGB Percent	83%, 56%, 11%
CMY	0.1725, 0.4431, 0.8902
CMYK	0.00, 0.33, 0.87, 0.17
HSL	37°, 77%, 47%
HSV	37°, 87%, 83%
XYZ	36.7466, 33.2787, 5.5853
YIQ	149.6350, 77.7180, -20.8260

# Conversions

## Conversions Part 2

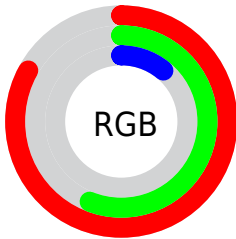
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	139, 211, 28
Decimal	13864476
CIE Lab	64.39, 17.76, 64.28
CIE LCh	64, 66.692, 74.559
Yxy	33.2787, 0.4860, 0.4401
Android (android.graphics.Color)	4292054556 (0xFFD38E1C)
YUV	149.6350, -59.9661, 53.8171
Hunter-Lab	57.6877, 12.7494, 34.6410

# Details

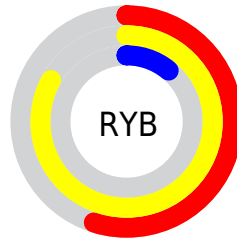
The Hex color **D38E1C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1C61D3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC455**, and **975C00** is the 20% darker color. If you saturate the color by 10%, you get **D38607**, and if you desaturate by 10%, it is **D39631**.

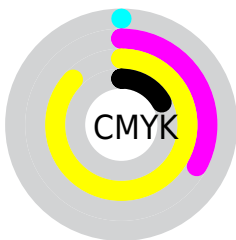
# Distribution



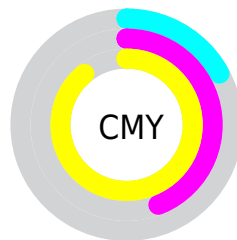
- Red (83%)
- Green (56%)
- Blue (11%)



- Red (55%)
- Yellow (83%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (87%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D38E1C 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 D38E1C by changing the saturation by 10% instead.



 D38E1C

 D38E1C

FFFFFF

 B57400

 FFC455

 975C00

 FFE070

 7A4400

 FFFC8C

 5D2E00

 FFFFA7

 411900

 FFFFC3

 280100

 FFFFEO

 000000

FFFFFFE

 D38E1C

 D38E1C

 D38607

 D39631

 D38300

 D39E46

 D3A65B

 D3AE70

 D3B686

 D3BE9B

 D3C6B0

 D3CEC5

 D3D6DA

# Harmonies

## Analogous

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



F9754A



D38E1C



9EA211

# Triad

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



D38E1C



00B8B8



C47FF2

# Complementary

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



D38E1C



1C61D3

# 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.



5999FF



D38E1C



00B5EF

# Square

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



D38E1C



00B67A



00ABFF



F867BD

# Rectangle

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



D38E1C



74AC2F



00ABFF



A988FF



# Sweetspot

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



D38E1C



FFE6BD



D31C62



807158



000000



808080



# Same Dimension

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



D38E1C



FF9F00



BED31C



69655E



A86900



291900



# Inverse Universe

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



1C61D3



0060FF



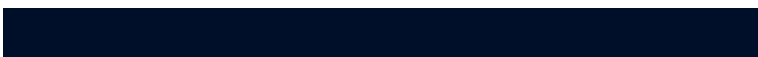
311CD3



5E6269



003FA8



000F29



# Previews

## White Background



This preview shows how the Hex color D38E1C looks on a white background.

## Color Contrast Check

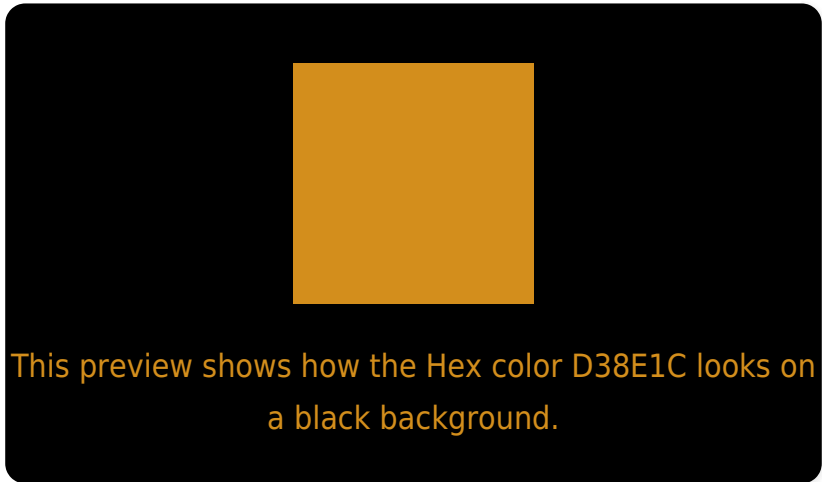
Large Text (above 18pt) WCAG AA × Fail

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 D38E1C Background



This preview shows how black text looks on a background with the Hex color D38E1C.



This preview shows how white text looks on a background with the Hex color D38E1C.

# 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**  
D38E1C

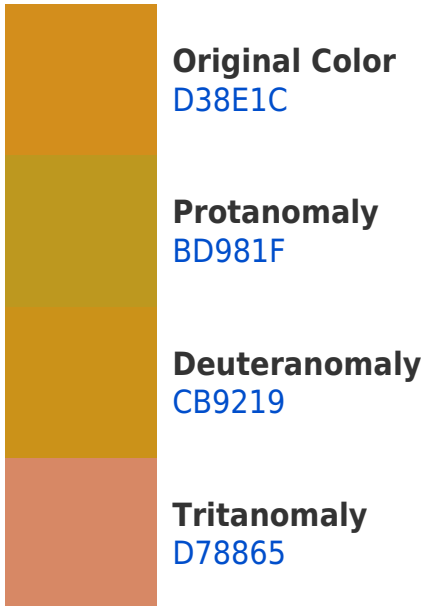
**Protanopia**  
B09D20

**Deuteranopia**  
C69417



**Tritanopia**  
D9848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D38E1C 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 #D38E1C looks like.

```
.text, #text, p{  
    color:#D38E1C  
}
```

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 #D38E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38E1C
}
```

## Border

The CSS property to change the border of an element to Hex D38E1C 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
#D38E1C }
```

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

```
.border{ border-color:#D38E1C }
```

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

Here you see how a box with a 4 pixel #D38E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38E1C; -webkit-box-shadow:4px 4px  
4px 4px #D38E1C; box-shadow:4px 4px 4px  
4px #D38E1C }
```

# Background

The CSS property to change the background color of an element to Hex D38E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38E1C }
```

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

```
.background{ background-color:#D38E1C }
```

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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