

Converting Colors

Hex(D39C1E)

Have a look what the booklet for
Hex(D39C1E) contains.

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Color

Hex(D39C1E)

Conversions

Conversions Part 1

Format	Color
Hex	D39C1E
RGB	211, 156, 30
RGB Percent	83%, 61%, 12%
CMY	0.1725, 0.3882, 0.8824
CMYK	0.00, 0.26, 0.86, 0.17
HSL	42°, 75%, 47%
HSV	42°, 86%, 83%
XYZ	38.9868, 37.7196, 6.4541
YIQ	158.0810, 73.2260, -27.5260

Conversions

Conversions Part 2

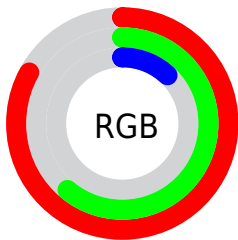
Format	Color
RYB	109, 211, 30
Decimal	13868062
CIELab	67.81, 10.24, 66.53
CIELCh	68, 67.308, 81.250
Yxy	37.7196, 0.4688, 0.4536
Android (android.graphics.Color)	4292058142 (0xFFD39C1E)
YUV	158.0810, -63.1439, 46.4100
Hunter-Lab	61.4162, 5.8326, 36.7607

Details

The Hex color **D39C1E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1E55D3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD259**, and **976900** is the 20% darker color. If you saturate the color by 10%, you get **D39609**, and if you desaturate by 10%, it is **D3A233**.

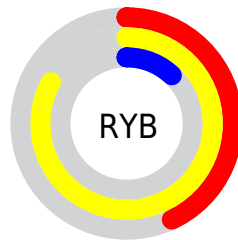
Distribution



Red (83%)

Green (61%)

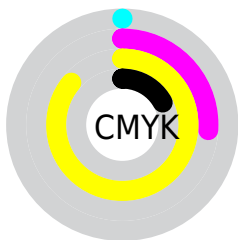
Blue (12%)



Red (43%)

Yellow (83%)

Blue (12%)

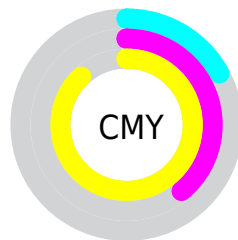


Cyan (0%)

Magenta (26%)

Yellow (86%)

Black (17%)



Cyan (17%)

Magenta (39%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D39C1E 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 D39C1E by changing the saturation by 10% instead.

 D39C1E

 D39C1E

FFFFFF

 B58200

 FFD259

 976900

 FFEE74

 7B5100

 FFFF8F

 5E3A00

 FFFFAB

 432500

 FFFFC8

 291100

 FFFF85

 020000

 000000

 D39C1E

 D39C1E

 D39609

 D3A233

 D39300

 D3A948

 D3AF5D

 D3B672

 D3BC87

 D3C29D

 D3C9B2

 D3CFC7

 D3D6DC

Harmonies

Analogous

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



FD8347



D39C1E



9AAF24

Triad

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



D39C1E



00C2D0



DD82F2

Complementary

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



D39C1E



1E55D3

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.



849DFF



D39C1E



00BDFE

Square

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



D39C1E



00C191



00B1FF



FF6DBA

Rectangle

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



D39C1E



6BB843



00B1FF



C58BFF

Sweetspot

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



D39C1E



FFE8BD



D31E57



807358



000000



808080

Same Dimension

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



D39C1E



FFB200



B2D31E



69655E



A87500



291C00

Inverse Universe

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



1E55D3



004DFF



3F1ED3



5E6169



0033A8



000C29

Previews

White Background



This preview shows how the Hex color D39C1E looks on a white background.

Color Contrast Check

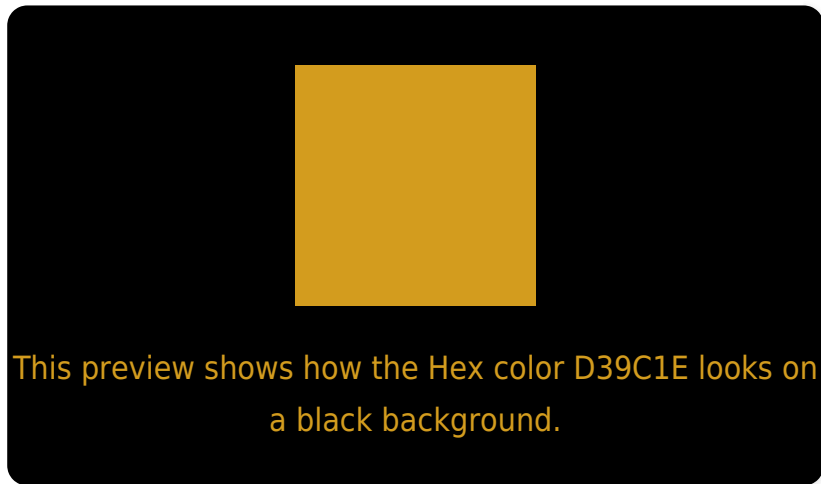
Large Text (above 18pt) WCAG AA × Fail

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 D39C1E Background



This preview shows how black text looks on a background with the Hex color D39C1E.



This preview shows how white text looks on a background with the Hex color D39C1E.

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
D39C1E

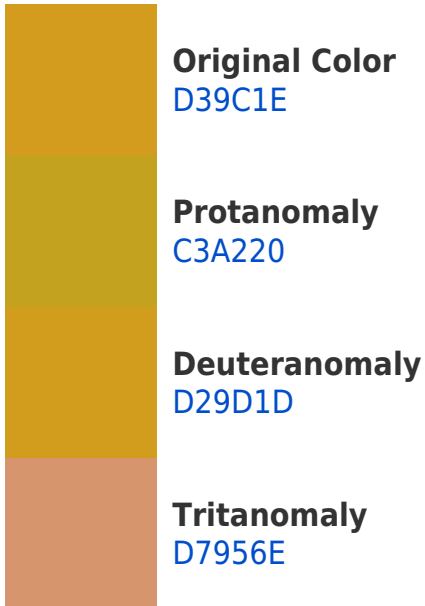
Protanopia
BAA621

Deuteranopia
D19D1D



Tritanopia
DA919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D39C1E 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 #D39C1E looks like.

```
.text, #text, p{  
    color:#D39C1E  
}
```

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 #D39C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39C1E
}
```

Border

The CSS property to change the border of an element to Hex D39C1E 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
#D39C1E }
```

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

```
.border{ border-color:#D39C1E }
```

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

Here you see how a box with a 4 pixel #D39C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39C1E; -webkit-box-shadow:4px 4px  
4px 4px #D39C1E; box-shadow:4px 4px 4px  
4px #D39C1E }
```

Background

The CSS property to change the background color of an element to Hex D39C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39C1E }
```

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

```
.background{ background-color:#D39C1E }
```

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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