

# Converting Colors

Hex(D39113)

Have a look what the booklet for  
Hex(D39113) contains.

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**Color**

**Hex(D39113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D39113
RGB	211, 145, 19
RGB Percent	83%, 57%, 7%
CMY	0.1725, 0.4314, 0.9255
CMYK	0.00, 0.31, 0.91, 0.17
HSL	39°, 83%, 45%
HSV	39°, 91%, 83%
XYZ	37.1069, 34.1467, 5.2513
YIQ	150.3700, 79.7820, -25.1940

# Conversions

## Conversions Part 2

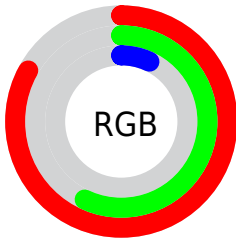
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 211, 19
Decimal	13865235
CIE <sub>Lab</sub>	65.08, 15.96, 66.99
CIE <sub>LCh</sub>	65, 68.865, 76.603
Yxy	34.1467, 0.4850, 0.4463
Android (android.graphics.Color)	4292055315 (0xFFD39113)
YUV	150.3700, -64.7654, 53.1725
Hunter-Lab	58.4352, 11.0877, 35.5765

# Details

The Hex color **D39113** 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 **1355D3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC751**, and **975F00** is the 20% darker color. If you saturate the color by 10%, you get **D38A00**, and if you desaturate by 10%, it is **D39828**.

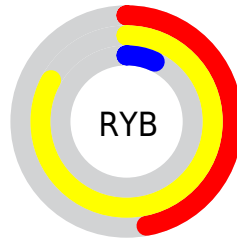
# Distribution



Red (83%)

Green (57%)

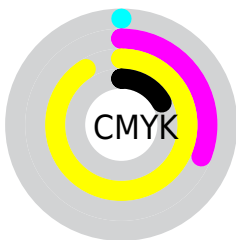
Blue (7%)



Red (47%)

Yellow (83%)

Blue (7%)

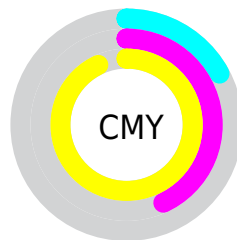


Cyan (0%)

Magenta (31%)

Yellow (91%)

Black (17%)



Cyan (17%)

Magenta (43%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D39113 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 D39113 by changing the saturation by 10% instead.



 D39113

 D39113

FFFFFF

 B57700

 FFC751

 975F00

 FFE36C

 7A4700

 FFFF87

 5D3100

 FFFFA3

 411B00

 FFFFBF

 280500

 FFFFDC

 000000

 FFFFFA

 D39113

 D39113

 D38A00

 D39828

 D3A03D

 D3A752

 D3AE67

 D3B57C

 D3BD92

 D3C4A7

 D3CBBC

 D3D2D1

# Harmonies

## Analogous

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



FB7746



D39113



9CA50B

# Triad

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



D39113



00BBBF



CC7EF3

# Complementary

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



D39113



1355D3

# 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.



6299FF



D39113



00B7F7

# Square

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



D39113



00B97F



00ADFF



FF65BC

# Rectangle

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



D39113



6EAF30



00ADFF



B187FF

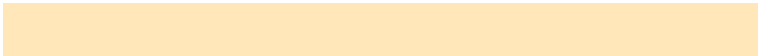


# Sweetspot

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



D39113



FFE7BA



D31356



807157



000000



808080



# Same Dimension

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



D39113



FFA700



B6D313



69655E



A86E00



291B00



# Inverse Universe

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



1355D3



0058FF



3013D3



5E6269



003AA8



000E29



# Previews

## White Background



This preview shows how the Hex color D39113 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 D39113 Background



This preview shows how black text looks on a background with the Hex color D39113.



This preview shows how white text looks on a background with the Hex color D39113.

# 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**  
D39113

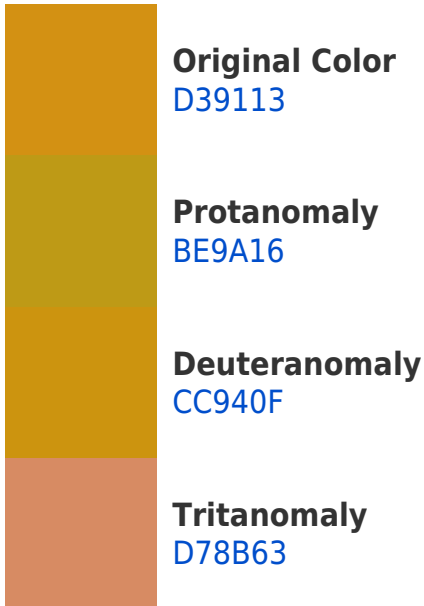
**Protanopia**  
B29F17

**Deuteranopia**  
C8960C

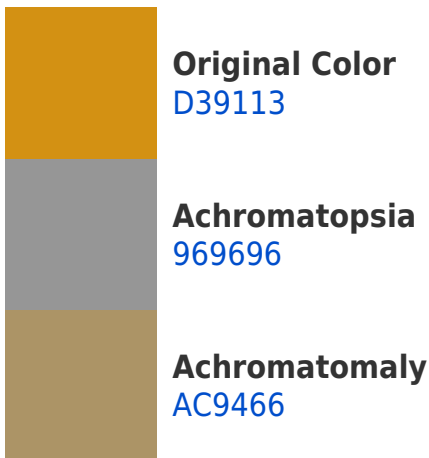


**Tritanopia**  
D98791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D39113 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 #D39113 looks like.

```
.text, #text, p{  
    color:#D39113  
}
```

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 #D39113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39113
}
```

## Border

The CSS property to change the border of an element to Hex D39113 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
#D39113 }
```

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

```
.border{ border-color:#D39113 }
```

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

Here you see how a box with a 4 pixel #D39113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39113; -webkit-box-shadow:4px 4px  
4px 4px #D39113; box-shadow:4px 4px 4px  
4px #D39113 }
```

# Background

The CSS property to change the background color of an element to Hex D39113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39113 }
```

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

```
.background{ background-color:#D39113 }
```

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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