

# Converting Colors

Hex(C39225)

Have a look what the booklet for  
Hex(C39225) contains.

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# **Color**

**Hex(C39225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39225
RGB	195, 146, 37
RGB Percent	76%, 57%, 15%
CMY	0.2353, 0.4275, 0.8549
CMYK	0.00, 0.25, 0.81, 0.24
HSL	41°, 68%, 45%
HSV	41°, 81%, 76%
XYZ	33.1185, 32.2934, 6.2380
YIQ	148.2250, 64.1930, -23.5110

# Conversions

## Conversions Part 2

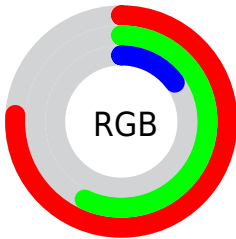
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 195, 37</a>
Decimal	<a href="#">12816933</a>
CIELab	<a href="#">63.58, 8.80, 60.11</a>
CIELCh	<a href="#">64, 60.756, 81.668</a>
Yxy	<a href="#">32.2934, 0.4622, 0.4507</a>
Android (android.graphics.Color)	<a href="#">4291007013</a> ( <a href="#">0xFFC39225</a> )
YUV	<a href="#">148.2250, -54.8339, 41.0217</a>
Hunter-Lab	<a href="#">56.8273, 4.5805, 33.2708</a>

# Details

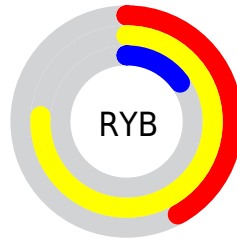
The Hex color **C39225** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2556C3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC85C**, and **896000** is the 20% darker color. If you saturate the color by 10%, you get **C38C12**, and if you desaturate by 10%, it is **C39839**.

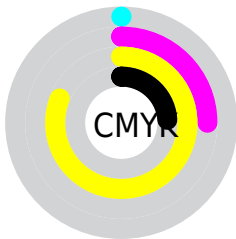
# Distribution



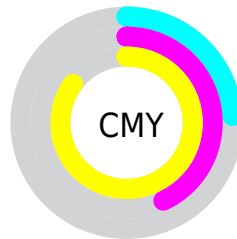
- Red (76%)
- Green (57%)
- Blue (15%)



- Red (42%)
- Yellow (76%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)
- Black (24%)



- Cyan (24%)
- Magenta (43%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39225 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 C39225 by changing the saturation by 10% instead.



 C39225

 C39225

FFFFFF

 A57800

 FFC85C

 896000

 FFE476

 6D4800

 FFFF92

 513200

 FFFFAD

 361D00

 FFFCA

 1E0600

 FFFFEE6

 000000

 C39225

 C39225

 C38C12

 C39839

 C38700

 C39E4C

 C3A460

 C3AA73

 C3B086

 C3B69A

 C3BCAE

 C3C2C1

 C3C8D5

# Harmonies

## Analogous

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



E97C46



C39225



90A32B

# Triad

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



C39225



00B4C0



CD7BDE

# Complementary

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



C39225



2556C3

# 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.



7F92FF



C39225



00B0EE

# Square

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



C39225



00B389



00A5FF



F469AB

# Rectangle

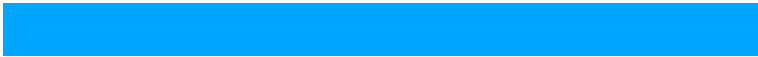
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C39225



66AB44



00A5FF



B882EB

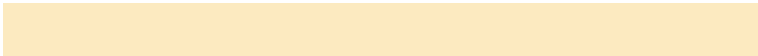


# Sweetspot

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



C39225



FCEAC0



C32557



80745B



000000



808080



# Same Dimension

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



C39225



FCB108



A6C325



615E57



A16F00



211700



# Inverse Universe

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



2556C3



0854FC



4225C3



575A61



0032A1



000A21



# Previews

## White Background



This preview shows how the Hex color C39225 looks on a white background.

## Color Contrast Check

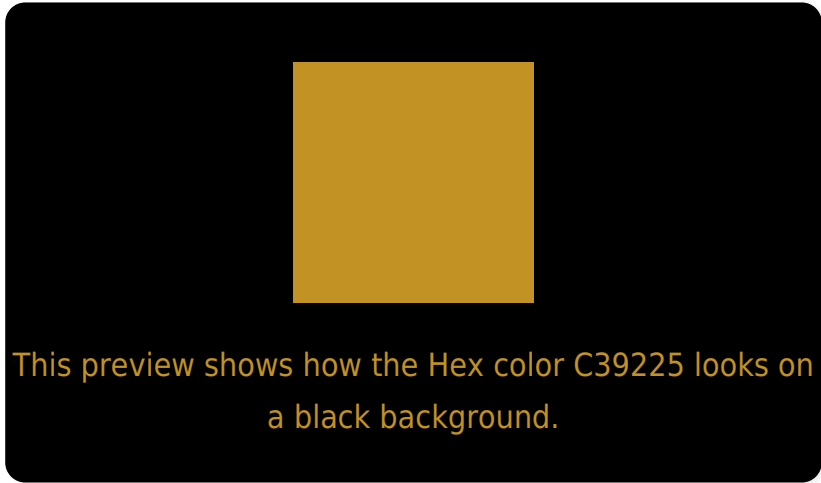
Large Text (above 18pt) WCAG AA × Fail

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 C39225 Background



This preview shows how black text looks on a background with the Hex color C39225.



This preview shows how white text looks on a background with the Hex color C39225.

# 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



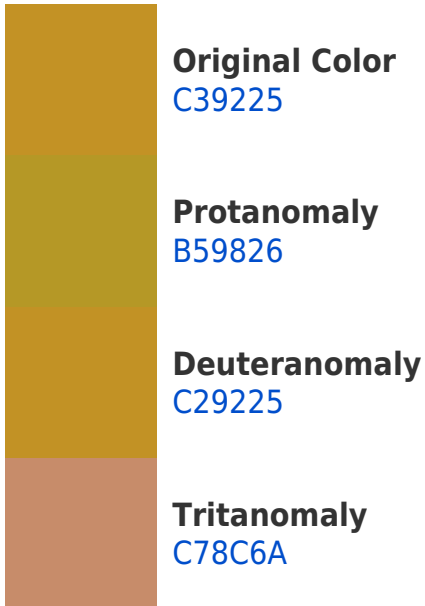
**Original Color**  
C39225

**Protanopia**  
AD9B27

**Deuteranopia**  
C29225



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39225 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 #C39225 looks like.

```
.text, #text, p{  
    color:#C39225  
}
```

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 #C39225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39225  
}
```

## Border

The CSS property to change the border of an element to Hex C39225 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  
#C39225 }
```

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

```
.border{ border-color:#C39225 }
```

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

Here you see how a box with a 4 pixel #C39225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39225; -webkit-box-shadow:4px 4px  
4px 4px #C39225; box-shadow:4px 4px 4px  
4px #C39225 }
```

# Background

The CSS property to change the background color of an element to Hex C39225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39225 }
```

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

```
.background{ background-color:#C39225 }
```

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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