

# Converting Colors

Hex(D39D14)

Have a look what the booklet for  
Hex(D39D14) contains.

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**Color**

**Hex(D39D14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D39D14
RGB	211, 157, 20
RGB Percent	83%, 62%, 8%
CMY	0.1725, 0.3843, 0.9216
CMYK	0.00, 0.26, 0.91, 0.17
HSL	43°, 83%, 45%
HSV	43°, 91%, 83%
XYZ	39.0472, 38.0133, 5.9411
YIQ	157.5280, 76.1610, -31.1590

# Conversions

## Conversions Part 2

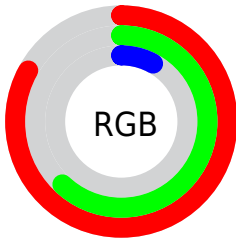
Format	Color
<a href="#">RYB</a>	<a href="#">95, 211, 20</a>
Decimal	<a href="#">13868308</a>
CIELab	<a href="#">68.03, 9.50, 69.02</a>
CIELCh	<a href="#">68, 69.672, 82.167</a>
Yxy	<a href="#">38.0133, 0.4704, 0.4580</a>
Android (android.graphics.Color)	<a href="#">4292058388</a> ( <a href="#">0xFFD39D14</a> )
YUV	<a href="#">157.5280, -67.8013, 46.8949</a>
Hunter-Lab	<a href="#">61.6550, 5.1511, 37.4452</a>

# Details

The Hex color **D39D14** 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 **144AD3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD353**, and **976A00** is the 20% darker color. If you saturate the color by 10%, you get **D39700**, and if you desaturate by 10%, it is **D3A329**.

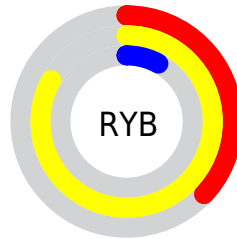
# Distribution



Red (83%)

Green (62%)

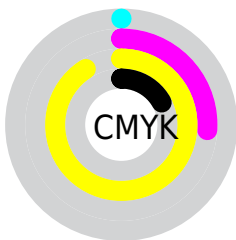
Blue (8%)



Red (37%)

Yellow (83%)

Blue (8%)

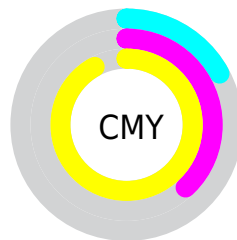


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D39D14 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 D39D14 by changing the saturation by 10% instead.



 D39D14

 D39D14

FFFFFF

 B58300

 FFD353

 976A00

 FFEF6F

 7A5200

 FFFF8A

 5E3B00

 FFFFA6

 422600

 FFFFC3

 291200

 FFFFEO

 030000

 FFFFFD

 000000

 D39D14

 D39D14

 D39700

 D3A329

 D3A93E

 D3AF53

 D3B568

 D3BB7D

 D3C193

 D3C7A8

 D3CDBD

 D3D3D2

# Harmonies

## Analogous

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



FF8342



D39D14



98B01E

# Triad

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



D39D14



00C3D4



E280F4

# Complementary

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



D39D14



144AD3

# 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.



869CFF



D39D14



00BFFF

# Square

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



D39D14



00C293



00B2FF



FF6AB9

# Rectangle

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



D39D14



66B941



00B2FF



C989FF

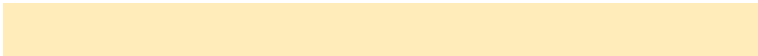


# Sweetspot

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



D39D14



FFECBA



D3144A



807457



000000



808080



# Same Dimension

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



D39D14



FFB700



AAD314



69665E



A87900



291D00



# Inverse Universe

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



144AD3



0048FF



3D14D3



5E6169



0030A8



000C29



# Previews

## White Background



This preview shows how the Hex color D39D14 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 D39D14 Background



This preview shows how black text looks on a background with the Hex color D39D14.



This preview shows how white text looks on a background with the Hex color D39D14.

# 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**  
D39D14

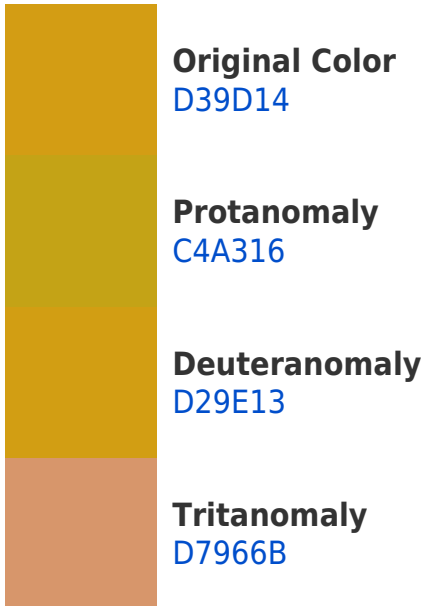
**Protanopia**  
BBA717

**Deuteranopia**  
D29E13

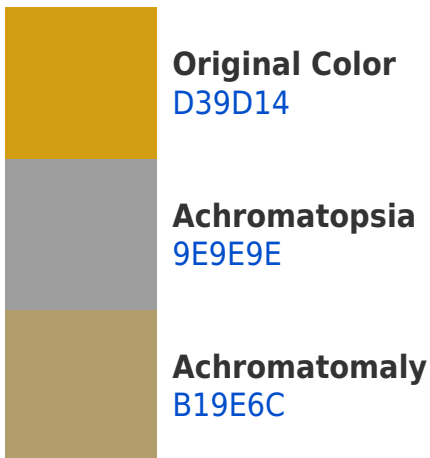


**Tritanopia**  
DA929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D39D14 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 #D39D14 looks like.

```
.text, #text, p{  
    color:#D39D14  
}
```

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 #D39D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39D14
}
```

## Border

The CSS property to change the border of an element to Hex D39D14 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
#D39D14 }
```

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

```
.border{ border-color:#D39D14 }
```

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

Here you see how a box with a 4 pixel #D39D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39D14; -webkit-box-shadow:4px 4px  
4px 4px #D39D14; box-shadow:4px 4px 4px  
4px #D39D14 }
```

# Background

The CSS property to change the background color of an element to Hex D39D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39D14 }
```

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

```
.background{ background-color:#D39D14 }
```

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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