

Converting Colors

Hex(D39029)

Have a look what the booklet for
Hex(D39029) contains.

Hex(D39029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D39029)

Conversions

Conversions Part 1

Format	Color
Hex	D39029
RGB	211, 144, 41
RGB Percent	83%, 56%, 16%
CMY	0.1725, 0.4353, 0.8392
CMYK	0.00, 0.32, 0.81, 0.17
HSL	36°, 67%, 49%
HSV	36°, 81%, 83%
XYZ	37.2375, 33.9555, 6.6893
YIQ	152.2910, 72.9950, -17.8290

Conversions

Conversions Part 2

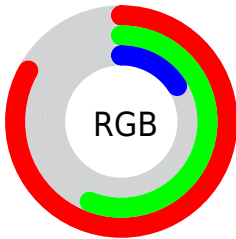
Format	Color
R _Y B	152, 211, 41
Decimal	13865001
CIE Lab	64.93, 17.04, 60.61
CIE LCh	65, 62.962, 74.300
Yxy	33.9555, 0.4781, 0.4360
Android (android.graphics.Color)	4292055081 (0xFFD39029)
YUV	152.2910, -54.8665, 51.4878
Hunter-Lab	58.2713, 12.0930, 33.9837

Details

The Hex color **D39029** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **296CD3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC65F**, and **975E00** is the 20% darker color. If you saturate the color by 10%, you get **D38814**, and if you desaturate by 10%, it is **D3983E**.

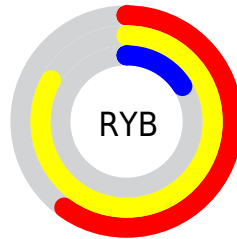
Distribution



Red (83%)

Green (56%)

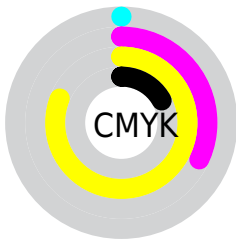
Blue (16%)



Red (60%)

Yellow (83%)

Blue (16%)

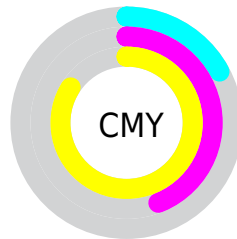


Cyan (0%)

Magenta (32%)

Yellow (81%)

Black (17%)



Cyan (17%)

Magenta (44%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D39029 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 D39029 by changing the saturation by 10% instead.

 D39029

 D39029

FFFFFF

 B57604

 FFC65F

 975E00

 FFE27A

 7A4600

 FFFE95

 5E3000

 FFFFB1

 421A00

 FFFFCD

 290400

 FFFFEA

 000000

 D39029

 D39029

 D38814

 D3983E

 D38000

 D3A153

 D3A968

 D3B17D

 D3BA92

 D3C2A8

 D3CABD

 D3D3D2

 D3DBE7

Harmonies

Analogous

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



F67951



D39029



A1A322

Triad

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



D39029



00B9B8



C383EF

Complementary

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



D39029



296CD3

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.



629BFF



D39029



00B6EB

Square

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



D39029



00B77D



00ACFF



F46DBE

Rectangle

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



D39029



79AC38



00ACFF



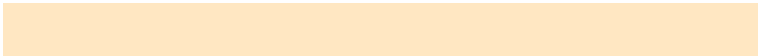
AA8BFB

Sweetspot

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



D39029



FFE7C2



D3296D



80715B



000000



808080

Same Dimension

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



D39029



FF9E08



C2D329



69645E



A86600



291900

Inverse Universe

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



296CD3



0869FF



3A29D3



5E6269



0042A8



001029

Previews

White Background



This preview shows how the Hex color D39029 looks on a white background.

Color Contrast Check

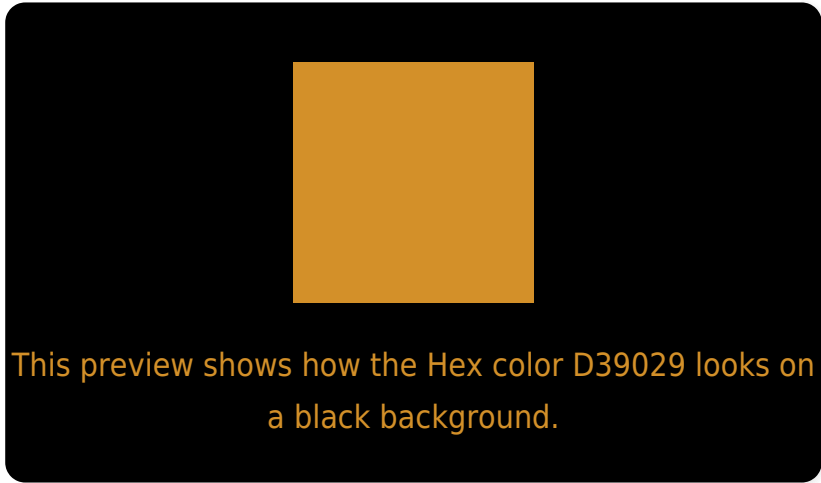
Large Text (above 18pt) WCAG AA × Fail

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 D39029 Background



This preview shows how black text looks on a background with the Hex color D39029.



This preview shows how white text looks on a background with the Hex color D39029.

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
D39029

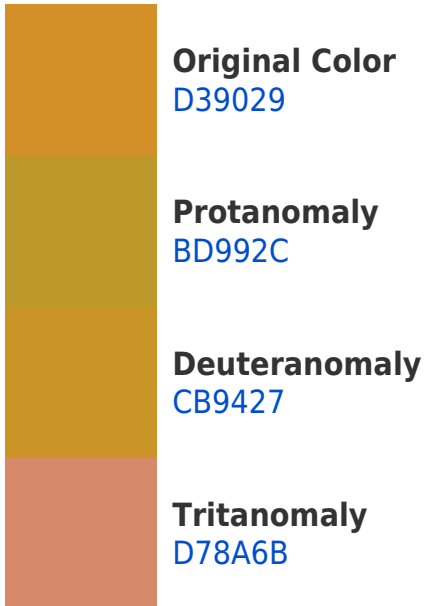
Protanopia
B19E2D

Deuteranopia
C79626

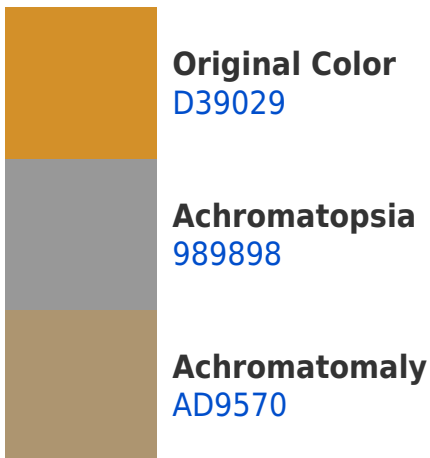


Tritanopia
D98690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D39029 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 #D39029 looks like.

```
.text, #text, p{  
    color:#D39029  
}
```

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 #D39029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39029
}
```

Border

The CSS property to change the border of an element to Hex D39029 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
#D39029 }
```

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

```
.border{ border-color:#D39029 }
```

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

Here you see how a box with a 4 pixel #D39029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39029; -webkit-box-shadow:4px 4px  
4px 4px #D39029; box-shadow:4px 4px 4px  
4px #D39029 }
```

Background

The CSS property to change the background color of an element to Hex D39029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39029 }
```

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

```
.background{ background-color:#D39029 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor