

Converting Colors

Hex(D29A39)

Have a look what the booklet for
Hex(D29A39) contains.

| | |
|--|----|
| Hex(D29A39) | 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(D29A39)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D29A39 |
| RGB | 210, 154, 57 |
| RGB Percent | 82%, 60%, 22% |
| CMY | 0.1765, 0.3961, 0.7765 |
| CMYK | 0.00, 0.27, 0.73, 0.18 |
| HSL | 38°, 63%, 52% |
| HSV | 38°, 73%, 82% |
| XYZ | 38.8725, 37.1082, 8.9847 |
| YIQ | 159.6860, 64.5130, -18.2950 |

Conversions

Conversions Part 2

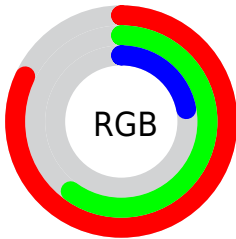
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 145, 210, 57 |
| Decimal | 13802041 |
| CIELab | 67.36, 11.84, 56.65 |
| CIELCh | 67, 57.873, 78.197 |
| Yxy | 37.1082, 0.4575, 0.4367 |
| Android (android.graphics.Color) | 4291992121 (0xFFD29A39) |
| YUV | 159.6860, -50.6242, 44.1254 |
| Hunter-Lab | 60.9165, 7.3016, 33.8968 |

Details

The Hex color **D29A39** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3971D2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD06E**, and **976700** is the 20% darker color. If you saturate the color by 10%, you get **D29224**, and if you desaturate by 10%, it is **D2A24E**.

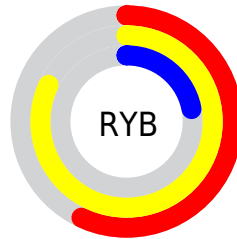
Distribution



Red (82%)

Green (60%)

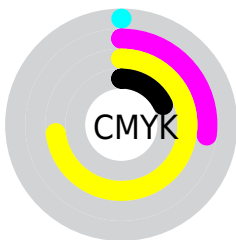
Blue (22%)



Red (57%)

Yellow (82%)

Blue (22%)

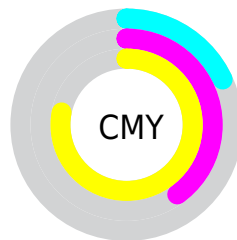


Cyan (0%)

Magenta (27%)

Yellow (73%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D29A39 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 D29A39 by changing the saturation by 10% instead.

 D29A39

 D29A39

FFFFFF

 B4801D

 FFD06E

 976700

 FFEC88

 7A4F00

 FFFFA4

 5E3800

 FFFFBF

 432300

 FFFFDC

 290F00

 FFFFF9

 010000

 000000

 D29A39

 D29A39

 D29224

 D2A24E

 D28B0F

 D2A963

 D28500

 D2B178

 D2B98D

 D2C0A2

 D2C8B7

 D2D0CC

 D2D7E1

 D2DFF6

Harmonies

Analogous

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



F58658



D29A39



A2AB3A

Triad

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



D29A39



00BEC3



CF89EA

Complementary

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



D29A39



3971D2

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.



829FFF



D29A39



00BAF1

Square

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



D29A39



00BC8D



00B0FF



F978BB

Rectangle

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



D29A39



7BB34D



00B0FF



BA90F6

Sweetspot

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



D29A39



FFEAC7



D23971



80735E



000000



808080

Same Dimension

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



D29A39



FFAE21



BED239



69655E



A86B00



291A00

Inverse Universe

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



3971D2



2172FF



4D39D2



5E6269



003EA8



000F29

Previews

White Background



This preview shows how the Hex color D29A39 looks on a white background.

Color Contrast Check

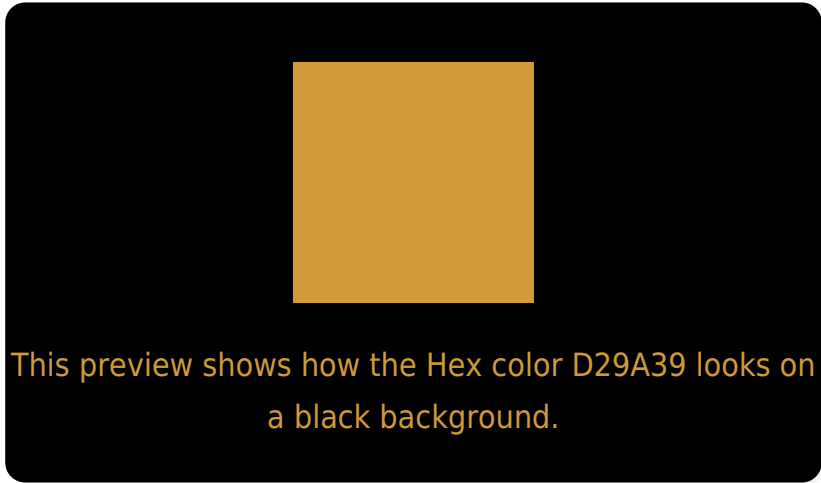
Large Text (above 18pt) WCAG AA × Fail

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

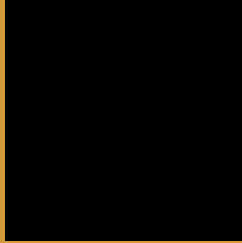
Any Text WCAG AA ✓ Pass

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 D29A39 Background



This preview shows how black text looks on a background with the Hex color D29A39.



This preview shows how white text looks on a background with the Hex color D29A39.

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
D29A39

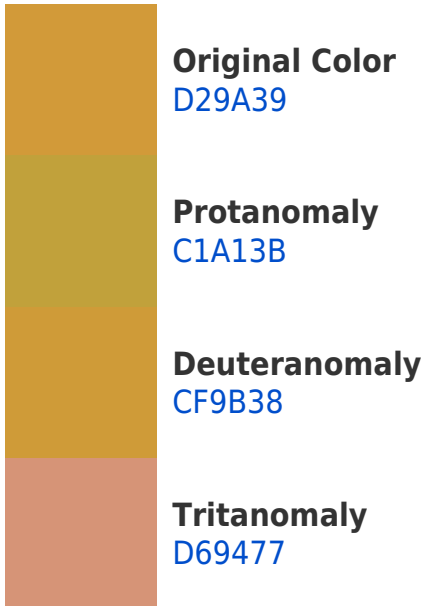
Protanopia
B8A53C

Deuteranopia
CD9C38

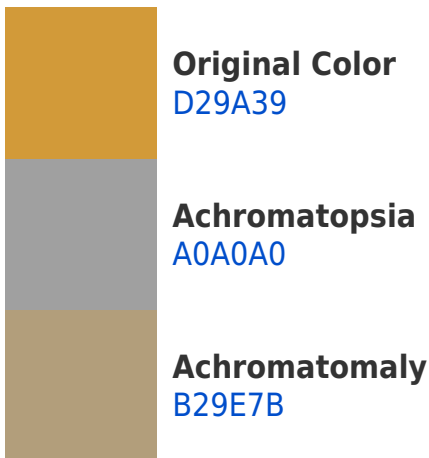


Tritanopia
D9909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D29A39 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 #D29A39 looks like.

```
.text, #text, p{  
    color:#D29A39  
}
```

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 #D29A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29A39
}
```

Border

The CSS property to change the border of an element to Hex D29A39 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
#D29A39 }
```

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

```
.border{ border-color:#D29A39 }
```

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

Here you see how a box with a 4 pixel #D29A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29A39; -webkit-box-shadow:4px 4px  
4px 4px #D29A39; box-shadow:4px 4px 4px  
4px #D29A39 }
```

Background

The CSS property to change the background color of an element to Hex D29A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29A39 }
```

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

```
.background{ background-color:#D29A39 }
```

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