

Converting Colors

Hex(D39246)

Have a look what the booklet for
Hex(D39246) contains.

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Color

Hex(D39246)

Conversions

Conversions Part 1

Format	Color
Hex	D39246
RGB	211, 146, 70
RGB Percent	83%, 57%, 27%
CMY	0.1725, 0.4275, 0.7255
CMYK	0.00, 0.31, 0.67, 0.17
HSL	32°, 62%, 55%
HSV	32°, 67%, 83%
XYZ	38.2483, 34.8488, 10.5049
YIQ	156.7710, 63.1360, -9.8560

Conversions

Conversions Part 2

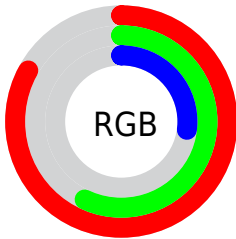
Format	Color
RYB	191, 211, 70
Decimal	13865542
CIELab	65.63, 17.29, 49.01
CIElCh	66, 51.972, 70.573
Yxy	34.8488, 0.4575, 0.4168
Android (android.graphics.Color)	4292055622 (0xFFD39246)
YUV	156.7710, -42.7781, 47.5588
Hunter-Lab	59.0329, 12.3453, 30.7723

Details

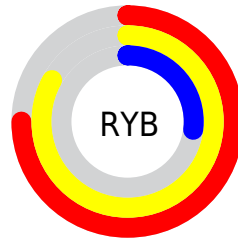
The Hex color **D39246** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4687D3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC879**, and **985F12** is the 20% darker color. If you saturate the color by 10%, you get **D38831**, and if you desaturate by 10%, it is **D39C5B**.

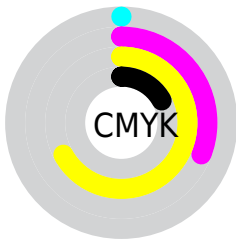
Distribution



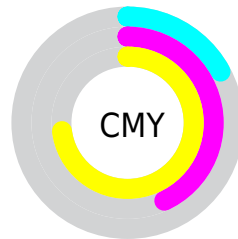
- Red (83%)
- Green (57%)
- Blue (27%)



- Red (75%)
- Yellow (83%)
- Blue (27%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (17%)



- Cyan (17%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D39246 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 D39246 by changing the saturation by 10% instead.

 D39246

 D39246

FFFFFF

 B5782D

 FFC879

 985F12

 FFE494

 7C4800

 FFFF4F

 603100

 FFFF4B

 441C00

 FFFF48

 2B0600

 000000

 D39246

 D39246

 D38831

 D39C5B

 D37F1C

 D3A570

 D37507

 D3AF85

 D37200

 D3B99A

 D3C3B0

 D3CCC5

 D3D6DA

 D3E0EF

 D3EAFB

Harmonies

Analogous

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



EE8165



D39246



AAA23F

Triad

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



D39246



00B7AF



B88CE7

Complementary

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



D39246



4687D3

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.



6B9FFB



D39246



00B4DB

Square

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



D39246



28B57F



00ADF7



E57CBF

Rectangle

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



D39246



8AAB4B



00ADF7



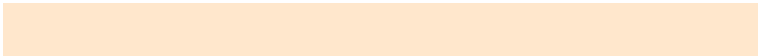
A393F0

Sweetspot

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



D39246



FFE7CC



D34688



807161



000000



808080

Same Dimension

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



D39246



FFA133



CED346



69645E



A85B00



291600

Inverse Universe

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



4687D3



3391FF



4B46D3



5E6369



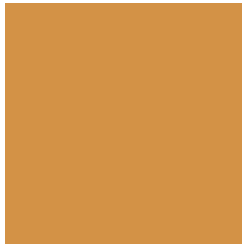
004EA8



001329

Previews

White Background



This preview shows how the Hex color D39246 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

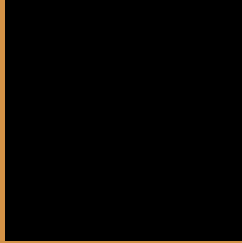
Any Text WCAG AA ✓ Pass

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 D39246 Background



This preview shows how black text looks on a background with the Hex color D39246.

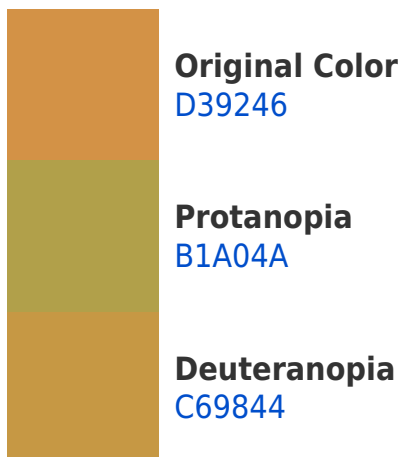



This preview shows how white text looks on a background with the Hex color D39246.

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](#).

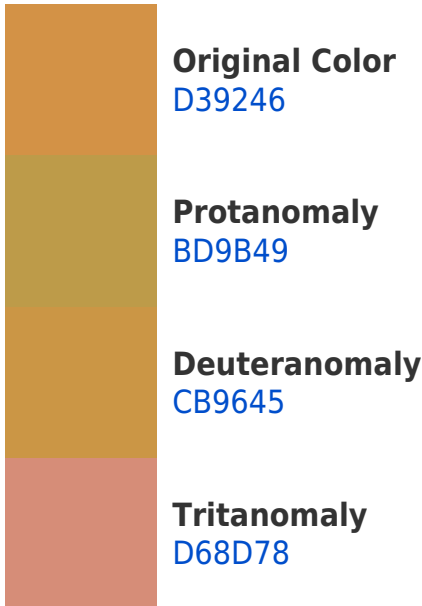
Dichromacy



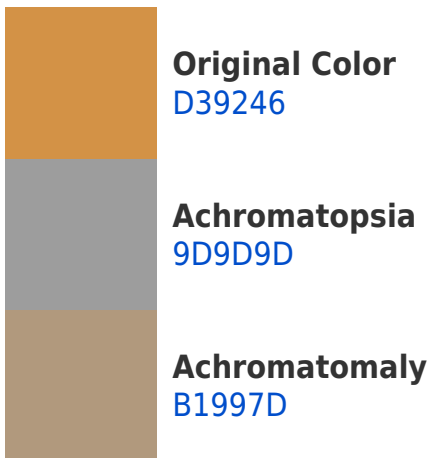


Tritanopia
D88A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D39246 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 #D39246 looks like.

```
.text, #text, p{  
    color:#D39246  
}
```

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 #D39246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39246
}
```

Border

The CSS property to change the border of an element to Hex D39246 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
#D39246 }
```

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

```
.border{ border-color:#D39246 }
```

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

Here you see how a box with a 4 pixel #D39246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39246; -webkit-box-shadow:4px 4px  
4px 4px #D39246; box-shadow:4px 4px 4px  
4px #D39246 }
```

Background

The CSS property to change the background color of an element to Hex D39246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39246 }
```

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

```
.background{ background-color:#D39246 }
```

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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