

# Converting Colors

Hex(D69039)

Have a look what the booklet for  
Hex(D69039) contains.

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**Color**

**Hex(D69039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D69039
RGB	214, 144, 57
RGB Percent	84%, 56%, 22%
CMY	0.1608, 0.4353, 0.7765
CMYK	0.00, 0.33, 0.73, 0.16
HSL	33°, 66%, 53%
HSV	33°, 73%, 84%
XYZ	38.4433, 34.5381, 8.5112
YIQ	155.0120, 69.6470, -12.2170

# Conversions

## Conversions Part 2

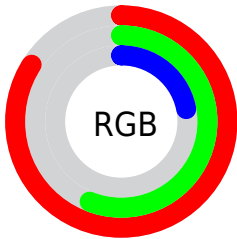
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 214, 57
Decimal	14061625
CIELab	65.39, 18.96, 54.81
CIElCh	65, 57.996, 70.917
Yxy	34.5381, 0.4717, 0.4238
Android (android.graphics.Color)	4292251705 (0xFFD69039)
YUV	155.0120, -48.3199, 51.7325
Hunter-Lab	58.7691, 13.9184, 32.5517

# Details

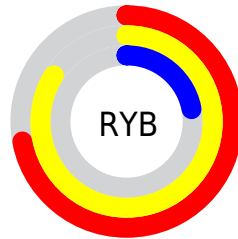
The Hex color **D69039** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **397FD6**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC66D**, and **9A5E00** is the 20% darker color. If you saturate the color by 10%, you get **D68624**, and if you desaturate by 10%, it is **D69A4E**.

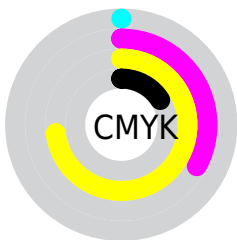
# Distribution



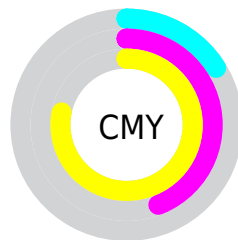
- Red (84%)
- Green (56%)
- Blue (22%)



- Red (72%)
- Yellow (84%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D69039 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 D69039 by changing the saturation by 10% instead.



 D69039

 D69039

FFFFFF

 B8761E

 FFC66D

 9A5E00

 FFE287

 7D4600

 FFFFA3

 612F00

 FFFFBE

 451A00

 FFFFDB

 2B0400

 FFFFF8

 000000

 D69039

 D69039

 D68624

 D69A4E

 D67D0E

 D6A364

 D67700

 D6AD79

 D6B68F

 D6C0A4

 D6C9B9

 D6D3CF

 D6DCE4

 D6E6FA

# Harmonies

## Analogous

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



F57C5D



D69039



A9A230

# Triad

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



D69039



00B8B1



BA89EE

# Complementary

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



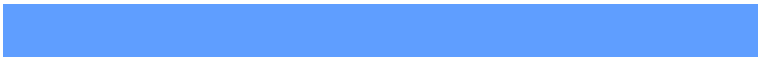
D69039



397FD6

# 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.



5F9EFF



D69039



00B6E2

# Square

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



D69039



00B67B



00AEFF



EC75C2

# Rectangle

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



D69039



85AB3F



00AEFF



A290F8

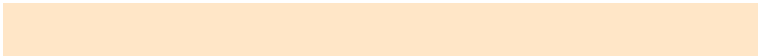


# Sweetspot

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



D69039



FFE6C7



D63980



80715E



000000



808080



# Same Dimension

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



D69039



FF9B1F



CED639



6B6660



AB5F00



2B1800



# Inverse Universe

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



397FD6



1F83FF



4139D6



60656B



004CAB



00132B



# Previews

## White Background



This preview shows how the Hex color D69039 looks on a white background.

## Color Contrast Check

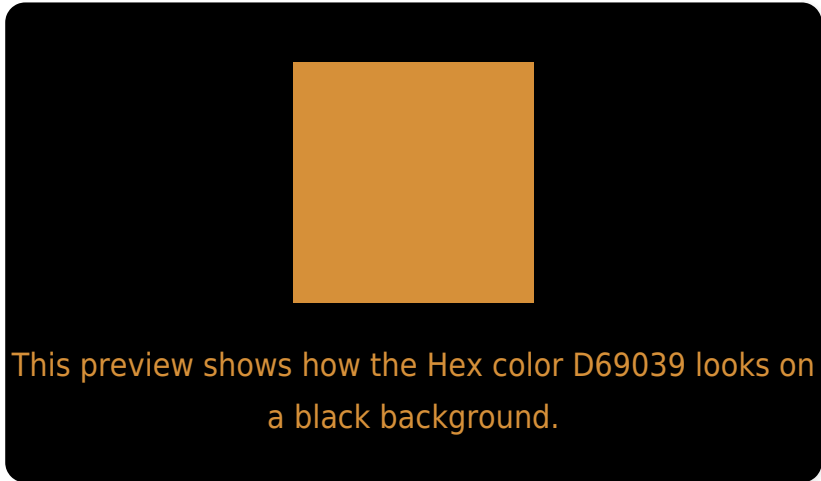
Large Text (above 18pt) WCAG AA × Fail

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

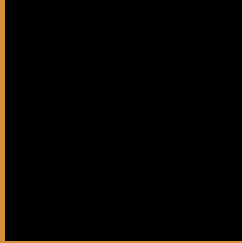
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D69039 Background



This preview shows how black text looks on a background with the Hex color D69039.



This preview shows how white text looks on a background with the Hex color D69039.

# 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](#).

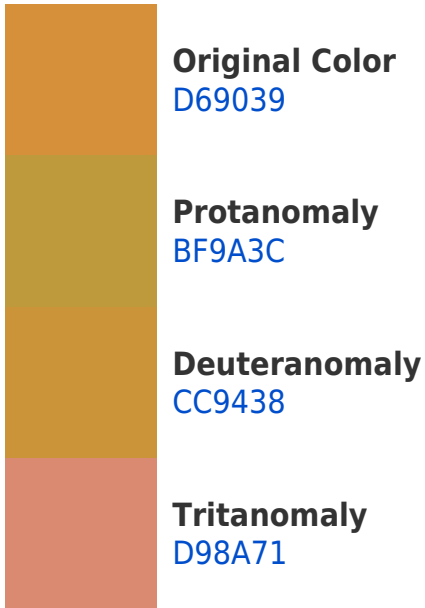
## Dichromacy



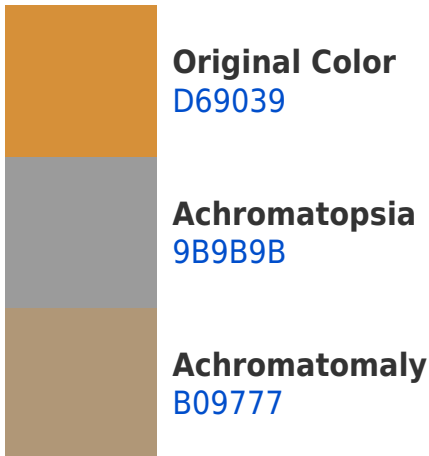


**Tritanopia**  
DB8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D69039 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 #D69039 looks like.

```
.text, #text, p{  
    color:#D69039  
}
```

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 #D69039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D69039
}
```

## Border

The CSS property to change the border of an element to Hex D69039 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
#D69039 }
```

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

```
.border{ border-color:#D69039 }
```

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

Here you see how a box with a 4 pixel #D69039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D69039; -webkit-box-shadow:4px 4px  
4px 4px #D69039; box-shadow:4px 4px 4px  
4px #D69039 }
```

# Background

The CSS property to change the background color of an element to Hex D69039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D69039 }
```

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

```
.background{ background-color:#D69039 }
```

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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