

# Converting Colors

Hex(D69107)

Have a look what the booklet for  
Hex(D69107) contains.

<b>Hex(D69107)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(D69107)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D69107
RGB	214, 145, 7
RGB Percent	84%, 57%, 3%
CMY	0.1608, 0.4314, 0.9725
CMYK	0.00, 0.32, 0.97, 0.16
HSL	40°, 94%, 43%
HSV	40°, 97%, 84%
XYZ	37.8953, 34.5623, 4.8749
YIQ	149.8990, 85.4220, -28.2900

# Conversions

## Conversions Part 2

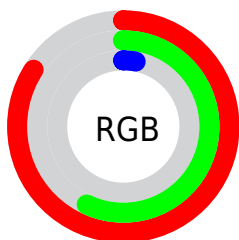
Format	Color
<a href="#">RYB</a>	<a href="#">111, 214, 7</a>
Decimal	<a href="#">14061831</a>
CIELab	<a href="#">65.41, 17.11, 69.34</a>
CIELCh	<a href="#">65, 71.419, 76.135</a>
Yxy	<a href="#">34.5623, 0.4900, 0.4469</a>
Android (android.graphics.Color)	<a href="#">4292251911</a> (0xFFD69107)
YUV	<a href="#">149.8990, -70.4492, 56.2166</a>
Hunter-Lab	<a href="#">58.7897, 12.1775, 36.2364</a>

# Details

The Hex color **D69107** 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 **074CD6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC74C**, and **995F00** is the 20% darker color. If you saturate the color by 10%, you get **D68F00**, and if you desaturate by 10%, it is **D6981C**.

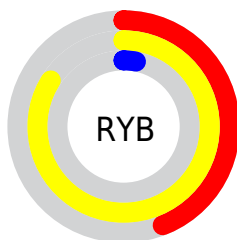
# Distribution



Red (84%)

Green (57%)

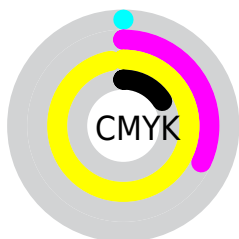
Blue (3%)



Red (44%)

Yellow (84%)

Blue (3%)

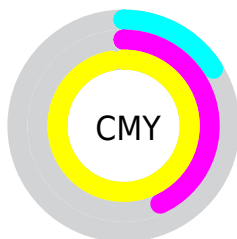


Cyan (0%)

Magenta (32%)

Yellow (97%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D69107 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 D69107 by changing the saturation by 10% instead.



 D69107

 D69107

FFFFFF

 B77700

 FFC74C

 995F00

 FFE368

 7C4700

 FFFF83

 5F3100

 FFFF9F

 431B00

 FFFFBB

 2A0500

 FFFFD8

 000000

 FFFFF5

 D69107

 D69107

 D68F00

 D6981C

 D69F32

 D6A647

 D6AE5D

 D6B572

 D6BC87

 D6C39D

 D6CAB2

 D6D1C8

# Harmonies

## Analogous

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



FF7544



D69107



9DA600

# Triad

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



D69107



00BCC1



CD7EF8

# Complementary

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



D69107



074CD6

# 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.



5B9AFF



D69107



00B9FA

# Square

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



D69107



00BB7E



00AFFF



FF63BF

# Rectangle

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



D69107



6EB02A



00AFFF



B188FF



# Sweetspot

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



D69107



FFE6B5



D6074C



807153



000000



808080



# Same Dimension

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



D69107



FFAA00



B3D607



6B6860



AB7200



2B1D00



# Inverse Universe

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



074CD6



0055FF



2907D6



60646B



0039AB



000E2B



# Previews

## White Background



This preview shows how the Hex color D69107 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



This preview shows how the Hex color D69107 looks on a 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 D69107 Background



This preview shows how black text looks on a background with the Hex color D69107.



This preview shows how white text looks on a background with the Hex color D69107.

# 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**

D69107

**Protanopia**

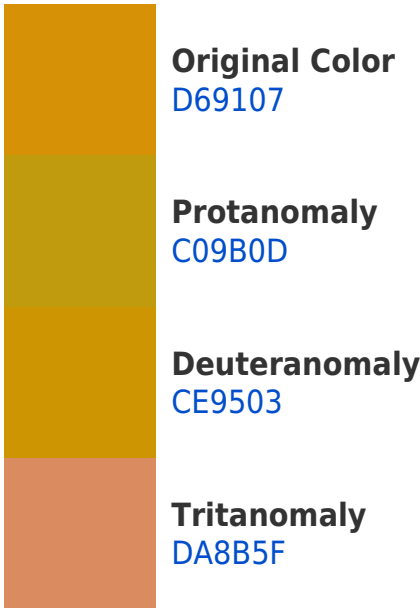
B4A010

**Deuteranopia**

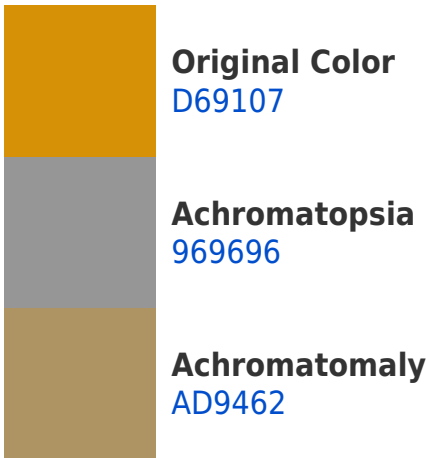
C99700



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D69107 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 #D69107 looks like.

```
.text, #text, p{  
    color:#D69107  
}
```

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 #D69107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D69107
}
```

## Border

The CSS property to change the border of an element to Hex D69107 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
#D69107 }
```

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

```
.border{ border-color:#D69107 }
```

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

Here you see how a box with a 4 pixel #D69107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D69107; -webkit-box-shadow:4px 4px  
4px 4px #D69107; box-shadow:4px 4px 4px  
4px #D69107 }
```

# Background

The CSS property to change the background color of an element to Hex D69107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D69107 }
```

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

```
.background{ background-color:#D69107 }
```

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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