

# Converting Colors

Hex(D69F30)

Have a look what the booklet for  
Hex(D69F30) contains.

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**Color**

**Hex(D69F30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D69F30
RGB	214, 159, 48
RGB Percent	84%, 62%, 19%
CMY	0.1608, 0.3765, 0.8118
CMYK	0.00, 0.26, 0.78, 0.16
HSL	40°, 67%, 51%
HSV	40°, 78%, 84%
XYZ	40.6632, 39.3058, 8.2399
YIQ	162.7910, 68.4110, -22.8610

# Conversions

## Conversions Part 2

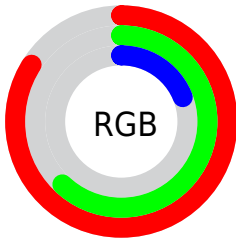
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 214, 48
Decimal	14065456
CIELab	68.97, 10.49, 61.91
CIELCh	69, 62.791, 80.379
Yxy	39.3058, 0.4610, 0.4456
Android (android.graphics.Color)	4292255536 (0xFFD69F30)
YUV	162.7910, -56.5920, 44.9103
Hunter-Lab	62.6944, 6.0590, 36.0936

# Details

The Hex color **D69F30** 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 **3067D6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD566**, and **9B6C00** is the 20% darker color. If you saturate the color by 10%, you get **D6981B**, and if you desaturate by 10%, it is **D6A645**.

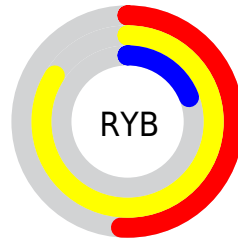
# Distribution



Red (84%)

Green (62%)

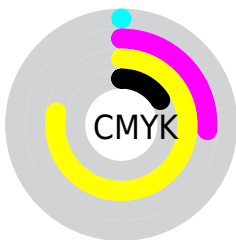
Blue (19%)



Red (51%)

Yellow (84%)

Blue (19%)

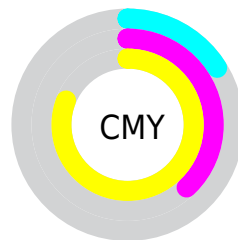


Cyan (0%)

Magenta (26%)

Yellow (78%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D69F30 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 D69F30 by changing the saturation by 10% instead.



 D69F30

 D69F30

FFFFFF

 B8850F

 FFD566

 9B6C00

 FFF281

 7E5400

 FFFF9D

 613D00

 FFFFB9

 462700

 FFFFD5

 2C1300

 FFFFF2

 0F0000

 000000

 D69F30

 D69F30

 D6981B

 D6A645

 D69105

 D6AD5B

 D68F00

 D6B470

 D6BB86

 D6C29B

 D6CAB0

 D6D1C6

 D6D8DB

 D6DFF1

# Harmonies

## Analogous

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



FD8952



D69F30



A1B134

# Triad

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



D69F30



00C4CE



DB89F2

# Complementary

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



D69F30



3067D6

# 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.



89A1FF



D69F30



00BFFF

# Square

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



D69F30



00C393



00B4FF



FF76BD

# Rectangle

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



D69F30



76BA4C



00B4FF



C591FF



# Sweetspot

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



D69F30



FFECC4



D63067



80745C



000000



808080



# Same Dimension

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



D69F30



FFB012



BAD630



6B6860



AB7200



2B1D00



# Inverse Universe

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



3067D6



1260FF



4C30D6



60646B



0039AB



000E2B



# Previews

## White Background



This preview shows how the Hex color D69F30 looks on a white background.

## Color Contrast Check

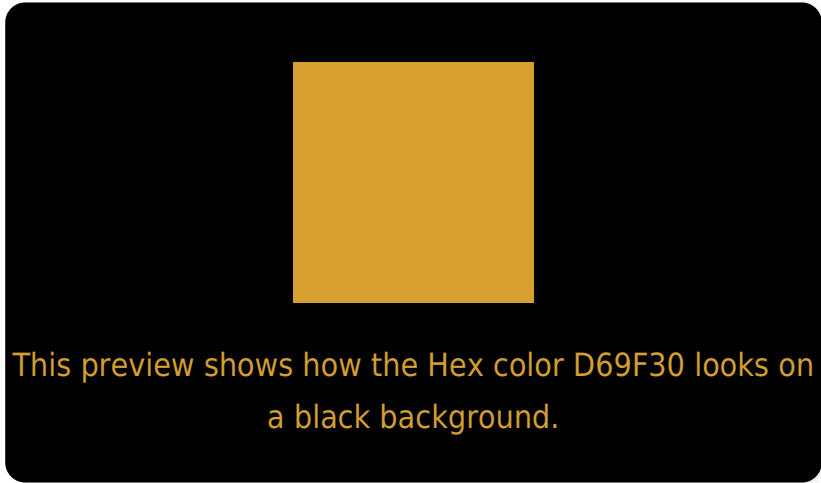
Large Text (above 18pt) WCAG AA × Fail

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 D69F30 Background



This preview shows how black text looks on a background with the Hex color D69F30.

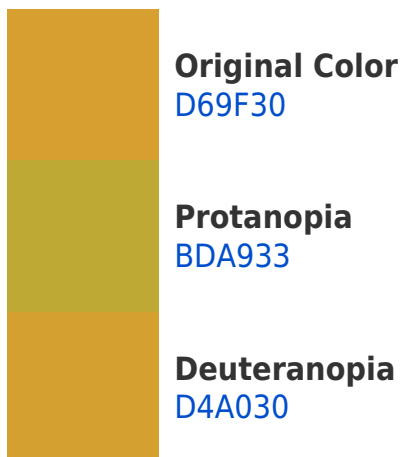



This preview shows how white text looks on a background with the Hex color D69F30.

# 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](#).

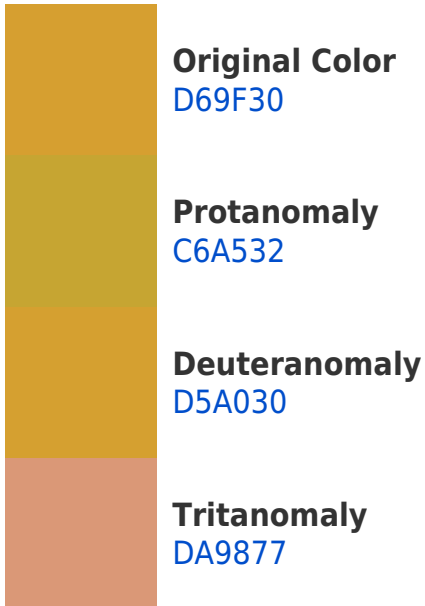
## Dichromacy



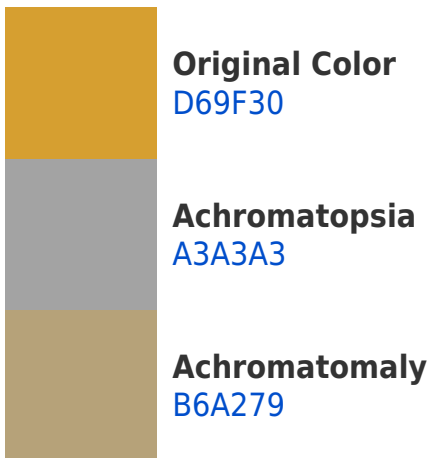


**Tritanopia**  
DD94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D69F30 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 #D69F30 looks like.

```
.text, #text, p{  
    color:#D69F30  
}
```

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 #D69F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D69F30
}
```

## Border

The CSS property to change the border of an element to Hex D69F30 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
#D69F30 }
```

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

```
.border{ border-color:#D69F30 }
```

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

Here you see how a box with a 4 pixel #D69F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D69F30; -webkit-box-shadow:4px 4px  
4px 4px #D69F30; box-shadow:4px 4px 4px  
4px #D69F30 }
```

# Background

The CSS property to change the background color of an element to Hex D69F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D69F30 }
```

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

```
.background{ background-color:#D69F30 }
```

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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