

# Converting Colors

Hex(D68A00)

Have a look what the booklet for  
Hex(D68A00) contains.

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**Color**

**Hex(D68A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D68A00
RGB	214, 138, 0
RGB Percent	84%, 54%, 0%
CMY	0.1608, 0.4588, 1.0000
CMYK	0.00, 0.36, 1.00, 0.16
HSL	39°, 100%, 42%
HSV	39°, 100%, 84%
XYZ	36.8200, 32.4731, 4.3273
YIQ	144.9920, 89.5940, -26.8060

# Conversions

## Conversions Part 2

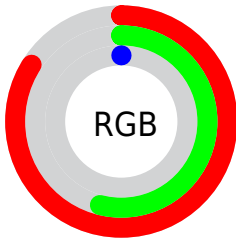
Format	Color
<a href="#">RYB</a>	<a href="#">118, 214, 0</a>
Decimal	<a href="#">14060032</a>
CIELab	<a href="#">63.73, 20.82, 69.22</a>
CIELCh	<a href="#">64, 72.280, 73.261</a>
Yxy	<a href="#">32.4731, 0.5001, 0.4411</a>
Android (android.graphics.Color)	<a href="#">4292250112</a> ( <a href="#">0xFFD68A00</a> )
YUV	<a href="#">144.9920, -71.4811, 60.5200</a>
Hunter-Lab	<a href="#">56.9852, 15.6108, 35.3873</a>

# Details

The Hex color **D68A00** 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 **004CD6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFBF48**, and **995800** is the 20% darker color. If you saturate the color by 10%, you get **D68A00**, and if you desaturate by 10%, it is **D69215**.

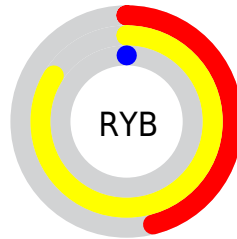
# Distribution



Red (84%)

Green (54%)

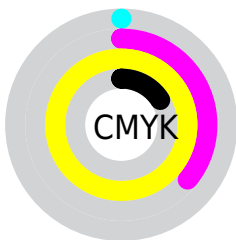
Blue (0%)



Red (46%)

Yellow (84%)

Blue (0%)

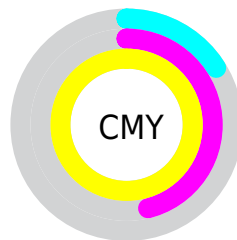


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D68A00 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 D68A00 by changing the saturation by 10% instead.



 D68A00

 D68A00

FFFFFF

 B77100

 FFBF48

 995800

 FFDB64

 7B4000

 FFF87F

 5E2A00

 FFFF9B

 431400

 FFFFB7

 2A0000

 FFFFD4

 000000

 FFFFF1

 D68A00

 D69215

 D6992B

 D6A140

 D6A856

 D6B06B

 D6B880

 D6BF96

 D6C7AB

 D6CEC1

# Harmonies

## Analogous

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



FE6D44



D68A00



9EA000

# Triad

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



D68A00



00B8B6



C17CF9

# Complementary

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



D68A00



004CD6

# 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.



3B98FF



D68A00



00B5F2

# Square

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



D68A00



00B673



00ACFF



FB5EC1

# Rectangle

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



D68A00



70AB1C



00ACFF



A286FF



# Sweetspot

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



D68A00



FFE4B3



D6004E



806F52



000000



808080



# Same Dimension

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



D68A00



FFA400



B9D600



6B6760



AB6E00



2B1C00



# Inverse Universe

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



004CD6



005BFF



1D00D6



60646B



003DAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D68A00 looks on a white background.

## Color Contrast Check

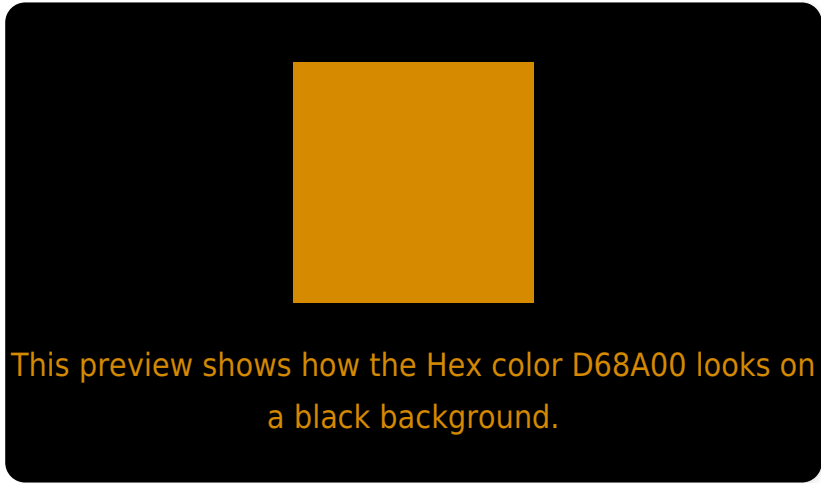
Large Text (above 18pt) WCAG AA × Fail

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 D68A00 Background



This preview shows how black text looks on a background with the Hex color D68A00.

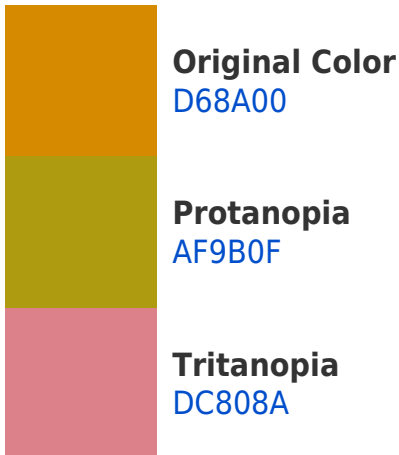


This preview shows how white text looks on a background with the Hex color D68A00.

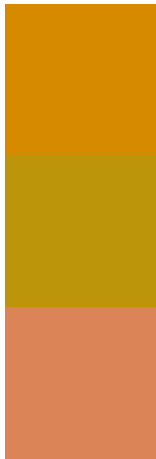
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
D68A00

**Protanomaly**  
BD950A

**Tritanomaly**  
DA8458

# Monochromacy



**Original Color**  
D68A00

**Achromatopsia**  
919191

**Achromatomaly**  
AA8E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D68A00 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 #D68A00 looks like.

```
.text, #text, p{  
    color:#D68A00  
}
```

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 #D68A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68A00
}
```

## Border

The CSS property to change the border of an element to Hex D68A00 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
#D68A00 }
```

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

```
.border{ border-color:#D68A00 }
```

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

Here you see how a box with a 4 pixel #D68A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68A00; -webkit-box-shadow:4px 4px  
4px 4px #D68A00; box-shadow:4px 4px 4px  
4px #D68A00 }
```

# Background

The CSS property to change the background color of an element to Hex D68A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68A00 }
```

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

```
.background{ background-color:#D68A00 }
```

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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