

Converting Colors

Hex(D68009)

Have a look what the booklet for
Hex(D68009) contains.

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Color

Hex(D68009)

Conversions

Conversions Part 1

Format	Color
Hex	D68009
RGB	214, 128, 9
RGB Percent	84%, 50%, 4%
CMY	0.1608, 0.4980, 0.9647
CMYK	0.00, 0.40, 0.96, 0.16
HSL	35°, 92%, 44%
HSV	35°, 96%, 84%
XYZ	35.5000, 29.7542, 4.1305
YIQ	140.1480, 89.4550, -18.7770

Conversions

Conversions Part 2

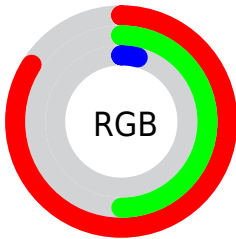
Format	Color
RYB	157, 214, 9
Decimal	14057481
CIELab	61.44, 26.28, 66.32
CIELCh	61, 71.336, 68.382
Yxy	29.7542, 0.5116, 0.4288
Android (android.graphics.Color)	4292247561 (0xFFD68009)
YUV	140.1480, -64.6560, 64.7682
Hunter-Lab	54.5474, 20.7117, 33.6935

Details

The Hex color **D68009** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **095FD6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB54A**, and **994E00** is the 20% darker color. If you saturate the color by 10%, you get **D67C00**, and if you desaturate by 10%, it is **D6891E**.

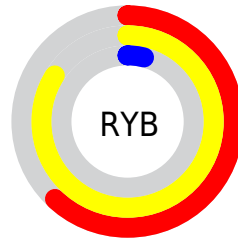
Distribution



Red (84%)

Green (50%)

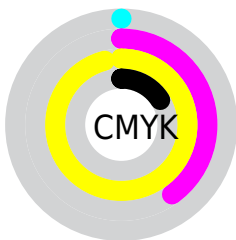
Blue (4%)



Red (62%)

Yellow (84%)

Blue (4%)

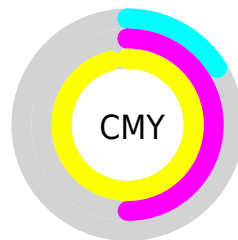


Cyan (0%)

Magenta (40%)

Yellow (96%)

Black (16%)



Cyan (16%)

Magenta (50%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68009 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 D68009 by changing the saturation by 10% instead.

 D68009

 D68009

FFFFFF

 B76700

 FF54A

 994E00

 FFD165

 7B3700

 FFED80

 5E2000

 FFFF9B

 420800

 FFFFB7

 2A0000

 FFFFD4

 000000

 FFFFF1

 D68009

 D68009

 D67C00

 D6891E

 D69234

 D69B49

 D6A45F

 D6AD74

 D6B689

 D6BF9F

 D6C8B4

 D6D1CA

Harmonies

Analogous

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



FA6349



D68009



A29700

Triad

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



D68009



00B1A5



AC7BF8

Complementary

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



D68009



095FD6

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.



0096FF



D68009



00B0E2

Square

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



D68009



00AE63



00A7FF



ED5DC4

Rectangle

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



D68009



77A206



00A7FF



8A85FF

Sweetspot

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



D68009



FFE0B5



D60962



806D53



000000



808080

Same Dimension

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



D68009



FF9400



C8D609



6B6760



AB6300



2B1900

Inverse Universe

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



095FD6



006BFF



1709D6



60656B



0048AB



00122B

Previews

White Background



This preview shows how the Hex color D68009 looks on a white background.

Color Contrast Check

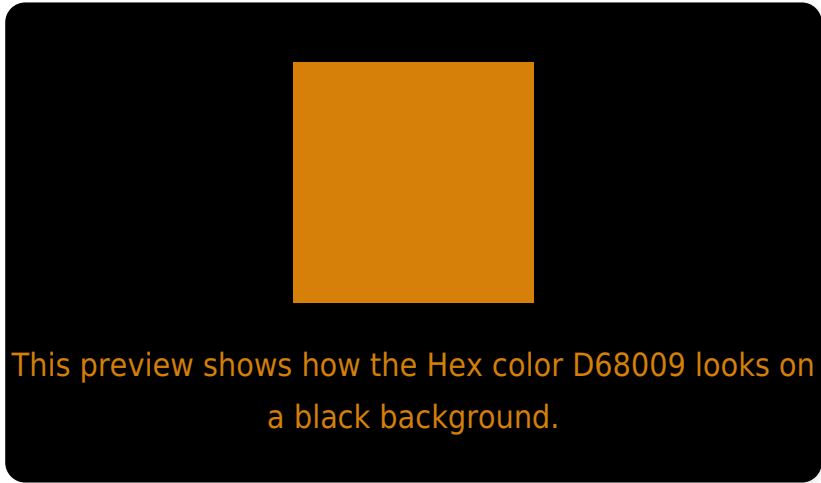
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex D68009 Background



This preview shows how black text looks on a background with the Hex color D68009.



This preview shows how white text looks on a background with the Hex color D68009.

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
D68009

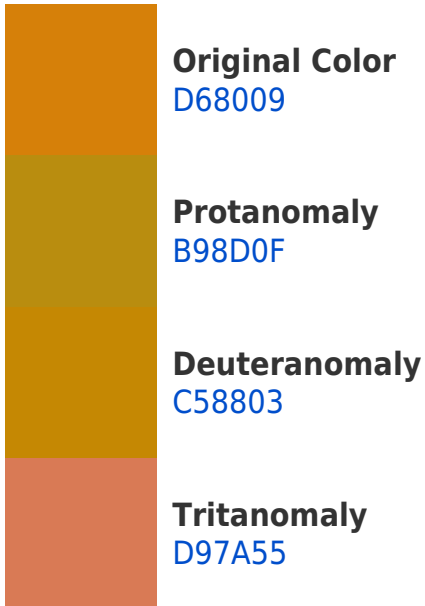
Protanopia
A89512

Deuteranopia
BC8D00



Tritanopia
DB7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68009 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 #D68009 looks like.

```
.text, #text, p{  
    color:#D68009  
}
```

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 #D68009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68009  
}
```

Border

The CSS property to change the border of an element to Hex D68009 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  
#D68009 }
```

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

```
.border{ border-color:#D68009 }
```

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

Here you see how a box with a 4 pixel #D68009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68009; -webkit-box-shadow:4px 4px  
4px 4px #D68009; box-shadow:4px 4px 4px  
4px #D68009 }
```

Background

The CSS property to change the background color of an element to Hex D68009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68009 }
```

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

```
.background{ background-color:#D68009 }
```

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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