

Converting Colors

Hex(D68C49)

Have a look what the booklet for
Hex(D68C49) contains.

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Color

Hex(D68C49)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D68C49 |
| RGB | 214, 140, 73 |
| RGB Percent | 84%, 55%, 29% |
| CMY | 0.1608, 0.4510, 0.7137 |
| CMYK | 0.00, 0.35, 0.66, 0.16 |
| HSL | 29°, 63%, 56% |
| HSV | 29°, 66%, 84% |
| XYZ | 38.3122, 33.5333, 10.7566 |
| YIQ | 154.4880, 65.6110, -5.1490 |

Conversions

Conversions Part 2

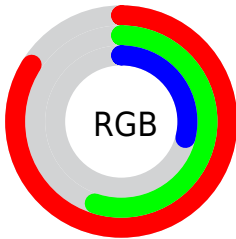
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 214, 201, 73 |
| Decimal | 14060617 |
| CIE Lab | 64.59, 21.98, 46.49 |
| CIE LCh | 65, 51.425, 64.701 |
| Yxy | 33.5333, 0.4638, 0.4060 |
| Android (android.graphics.Color) | 4292250697 (0xFFD68C49) |
| YUV | 154.4880, -40.1736, 52.1920 |
| Hunter-Lab | 57.9080, 16.7576, 29.5222 |

Details

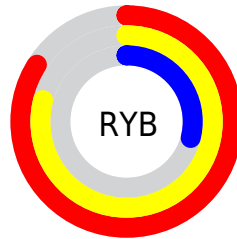
The Hex color **D68C49** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4993D6**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC27C**, and **9B5A17** is the 20% darker color. If you saturate the color by 10%, you get **D68134**, and if you desaturate by 10%, it is **D6975E**.

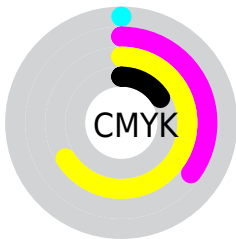
Distribution



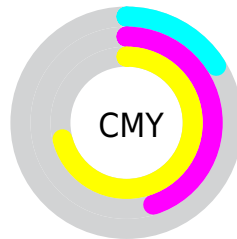
- Red (84%)
- Green (55%)
- Blue (29%)



- Red (84%)
- Yellow (79%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68C49 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 D68C49 by changing the saturation by 10% instead.

 D68C49

 D68C49

FFFFFF

 B87230

 FFC27C

 9B5A17

 FFDE96

 7E4200

 FFFAB2

 622B00

 FFFFCE

 461500

 FFFFEA

 2C0000

 000000

 D68C49

 D68C49

 D68134

 D6975E

 D6761E

 D6A274

 D66A09

 D6AE89

 D66600

 D6B99F

 D6C4B4

 D6CFC9

 D6DBDF

 D6E6F4

 D6F1FF

Harmonies

Analogous

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



EE7C6B



D68C49



B09D3C

Triad

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



D68C49



00B4A3



A98EE8

Complementary

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



D68C49



4993D6

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.



549FF8



D68C49



00B2D0

Square

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



D68C49



3DB174



00ACEF



DB7CC5

Rectangle

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



D68C49



91A545



00ACEF



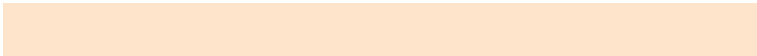
9294F0

Sweetspot

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



D68C49



FFE4CC



D64994



806F61



000000



808080

Same Dimension

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



D68C49



FF9536



D6D149



6B6560



AB5100



2B1500

Inverse Universe

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



4993D6



369FFF



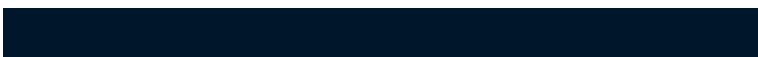
494ED6



60666B



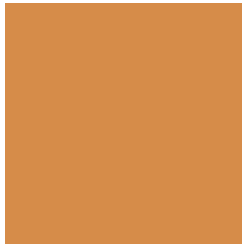
005AAB



00172B

Previews

White Background



This preview shows how the Hex color D68C49 looks on a white background.

Color Contrast Check

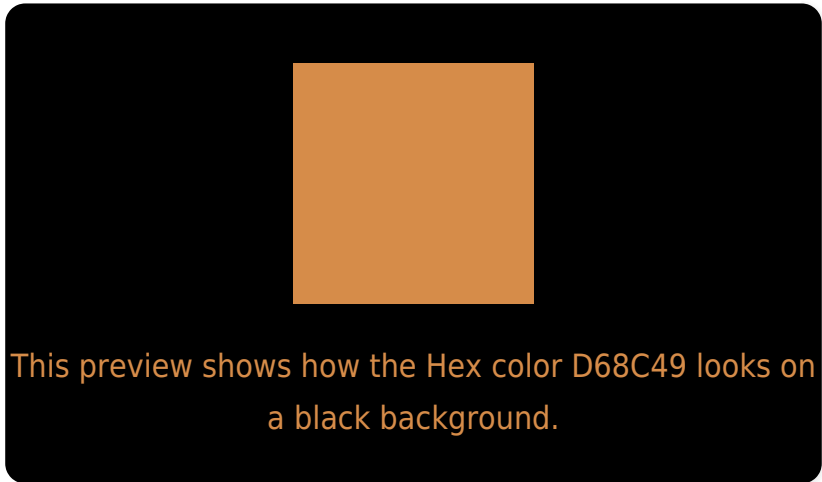
Large Text (above 18pt) WCAG AA × Fail

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 D68C49 Background



This preview shows how black text looks on a background with the Hex color D68C49.



This preview shows how white text looks on a background with the Hex color D68C49.

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
D68C49

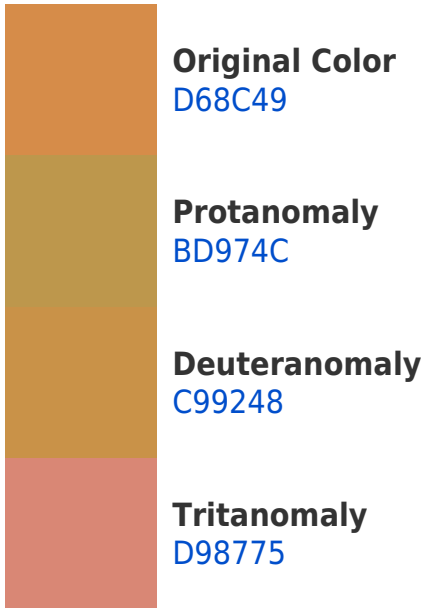
Protanopia
AE9D4E

Deuteranopia
C29547

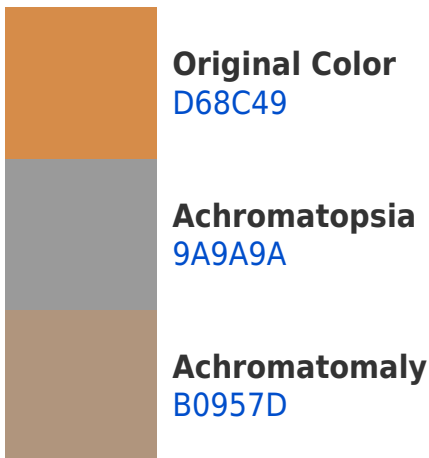


Tritanopia
DB848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68C49 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 #D68C49 looks like.

```
.text, #text, p{  
    color:#D68C49  
}
```

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 #D68C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68C49
}
```

Border

The CSS property to change the border of an element to Hex D68C49 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
#D68C49 }
```

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

```
.border{ border-color:#D68C49 }
```

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

Here you see how a box with a 4 pixel #D68C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68C49; -webkit-box-shadow:4px 4px  
4px 4px #D68C49; box-shadow:4px 4px 4px  
4px #D68C49 }
```

Background

The CSS property to change the background color of an element to Hex D68C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68C49 }
```

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

```
.background{ background-color:#D68C49 }
```

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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