

Converting Colors

Hex(D68A47)

Have a look what the booklet for
Hex(D68A47) contains.

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Color

Hex(D68A47)

Conversions

Conversions Part 1

Format	Color
Hex	D68A47
RGB	214, 138, 71
RGB Percent	84%, 54%, 28%
CMY	0.1608, 0.4588, 0.7216
CMYK	0.00, 0.36, 0.67, 0.16
HSL	28°, 64%, 56%
HSV	28°, 67%, 84%
XYZ	37.9574, 32.9280, 10.3164
YIQ	153.0860, 66.8030, -4.7250

Conversions

Conversions Part 2

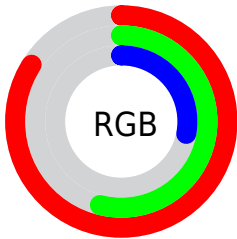
Format	Color
RYB	214, 197, 71
Decimal	14060103
CIELab	64.10, 22.93, 46.93
CIElCh	64, 52.235, 63.955
Yxy	32.9280, 0.4674, 0.4055
Android (android.graphics.Color)	4292250183 (0xFFD68A47)
YUV	153.0860, -40.4684, 53.4216
Hunter-Lab	57.3830, 17.6531, 29.5088

Details

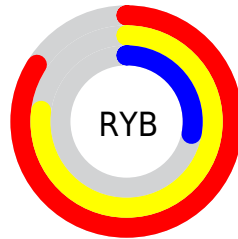
The Hex color **D68A47** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4793D6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC07A**, and **9B5815** is the 20% darker color. If you saturate the color by 10%, you get **D67F32**, and if you desaturate by 10%, it is **D6955C**.

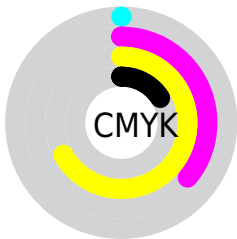
Distribution



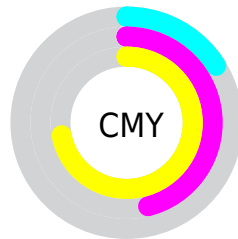
- Red (84%)
- Green (54%)
- Blue (28%)



- Red (84%)
- Yellow (77%)
- Blue (28%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (16%)



- Cyan (16%)
- Magenta (46%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68A47 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 D68A47 by changing the saturation by 10% instead.

 D68A47

 D68A47

FFFFFF

 B8702E

 FFC07A

 9B5815

 FFDC94

 7E4000

 FFF8AF

 622900

 FFFFEB

 461300

 FFFFEB

 2C0000

 000000

 D68A47

 D68A47

 D67F32

 D6955C

 D6731C

 D6A172

 D66807

 D6AC87

 D66400

 D6B79D

 D6C3B2

 D6CEC7

 D6DADD

 D6E5F2

 D6F0FF

Harmonies

Analogous

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



EE796A



D68A47



B09B39

Triad

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



D68A47



00B3A0



A68DE9

Complementary

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



D68A47



4793D6

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.



4C9EF8



D68A47



00B1CE

Square

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



D68A47



3CAF71



00ABEE



D97BC5

Rectangle

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



D68A47



91A441



00ABEE



8E93F1

Sweetspot

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



D68A47



FFE4CC



D64793



806F61



000000



808080

Same Dimension

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



D68A47



FF9333



D6D147



6B6560



AB5000



2B1400

Inverse Universe

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



4793D6



339FFF



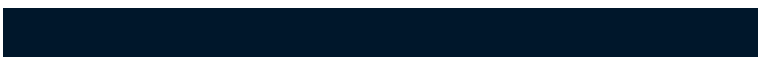
474CD6



60666B



005BAB



00172B

Previews

White Background



This preview shows how the Hex color D68A47 looks on a white background.

Color Contrast Check

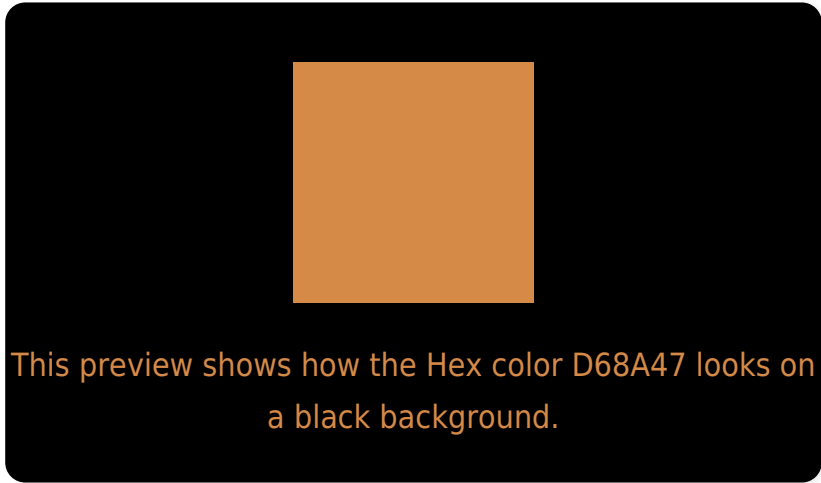
Large Text (above 18pt) WCAG AA × Fail

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

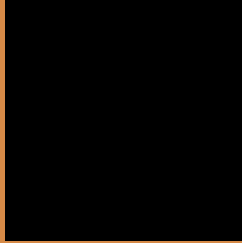
Any Text WCAG AA ✓ Pass

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 D68A47 Background



This preview shows how black text looks on a background with the Hex color D68A47.

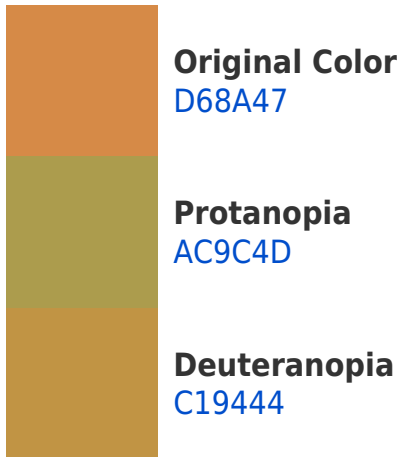



This preview shows how white text looks on a background with the Hex color D68A47.

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](#).

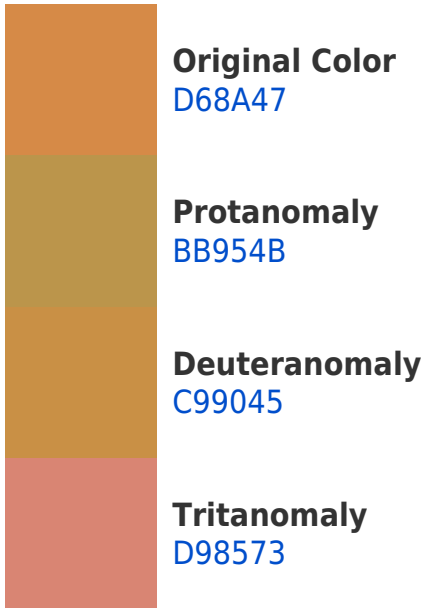
Dichromacy



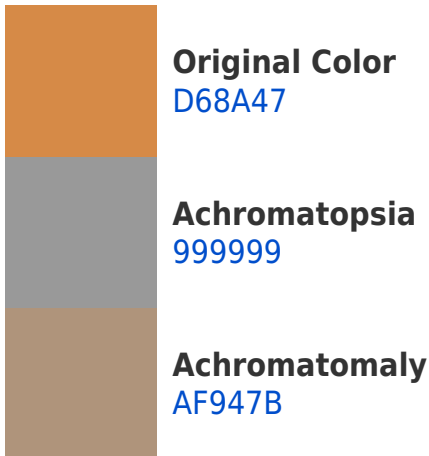


Tritanopia
DA828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68A47 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 #D68A47 looks like.

```
.text, #text, p{  
    color:#D68A47  
}
```

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 #D68A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68A47
}
```

Border

The CSS property to change the border of an element to Hex D68A47 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
#D68A47 }
```

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

```
.border{ border-color:#D68A47 }
```

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

Here you see how a box with a 4 pixel #D68A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68A47; -webkit-box-shadow:4px 4px  
4px 4px #D68A47; box-shadow:4px 4px 4px  
4px #D68A47 }
```

Background

The CSS property to change the background color of an element to Hex D68A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68A47 }
```

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

```
.background{ background-color:#D68A47 }
```

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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