

Converting Colors

Hex(D68B41)

Have a look what the booklet for
Hex(D68B41) contains.

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Color

Hex(D68B41)

Conversions

Conversions Part 1

Format	Color
Hex	D68B41
RGB	214, 139, 65
RGB Percent	84%, 55%, 25%
CMY	0.1608, 0.4549, 0.7451
CMYK	0.00, 0.35, 0.70, 0.16
HSL	30°, 65%, 55%
HSV	30°, 70%, 84%
XYZ	37.9183, 33.1430, 9.3998
YIQ	152.9890, 68.4540, -7.1140

Conversions

Conversions Part 2

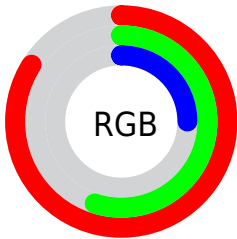
Format	Color
R_{YB}	214, 212, 65
Decimal	14060353
CIE _{Lab}	64.28, 22.06, 50.02
CIE _{LCh}	64, 54.664, 66.201
Yxy	33.1430, 0.4713, 0.4119
Android (android.graphics.Color)	4292250433 (0xFFD68B41)
YUV	152.9890, -43.3786, 53.5066
Hunter-Lab	57.5700, 16.8210, 30.6184

Details

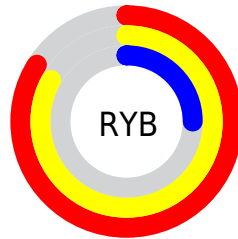
The Hex color **D68B41** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **418CD6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC174**, and **9B590B** is the 20% darker color. If you saturate the color by 10%, you get **D6802C**, and if you desaturate by 10%, it is **D69656**.

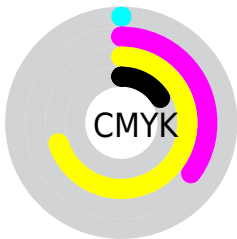
Distribution



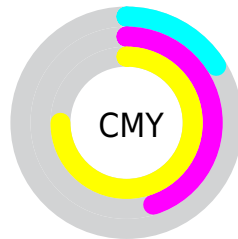
- Red (84%)
- Green (55%)
- Blue (25%)



- Red (84%)
- Yellow (83%)
- Blue (25%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68B41 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 D68B41 by changing the saturation by 10% instead.

 D68B41

 D68B41

FFFFFF

 B87128

 FFC174

 9B590B

 FFDD8F

 7E4100

 FFF9AA

 612A00

 FFFFC5

 451400

 FFFFE2

 2C0000

 000000

 D68B41

 D68B41

 D6802C

 D69656

 D67516

 D6A16C

 D66B01

 D6AB81

 D66A00

 D6B697

 D6C1AC

 D6CCC1

 D6D6D7

 D6E1EC

 D6ECFF

Harmonies

Analogous

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



F07965



D68B41



AD9D34

Triad

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



D68B41



00B4A5



AC8BEB

Complementary

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



D68B41



418CD6

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.



4F9EFD



D68B41



00B2D4

Square

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



D68B41



2AB173



00ABF5



DF78C4

Rectangle

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



D68B41



8CA63F



00ABF5



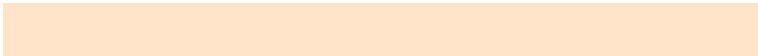
9391F4

Sweetspot

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



D68B41



FFE4C9



D6418E



806F60



000000



808080

Same Dimension

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



D68B41



FF9329



D6D441



6B6660



AB5500



2B1600

Inverse Universe

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



418CD6



2995FF



4143D6



60666B



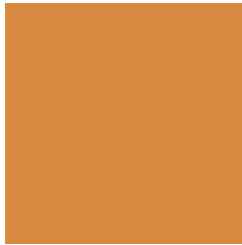
0056AB



00162B

Previews

White Background



This preview shows how the Hex color D68B41 looks on a white background.

Color Contrast Check

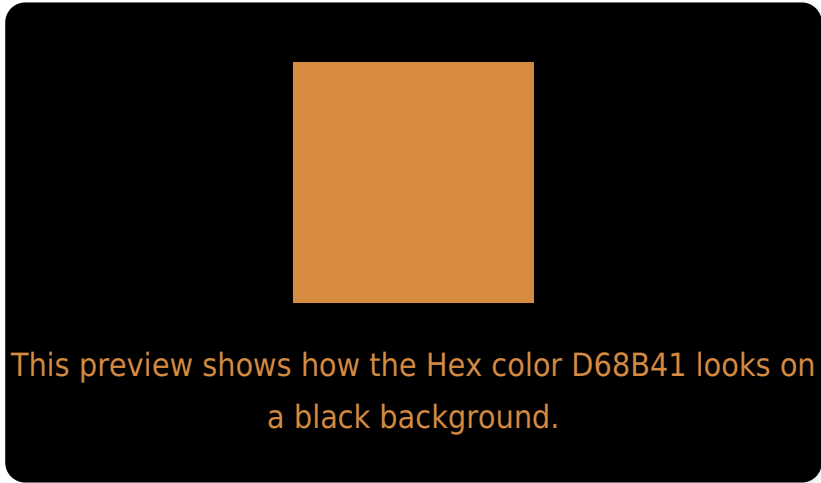
Large Text (above 18pt) WCAG AA × Fail

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

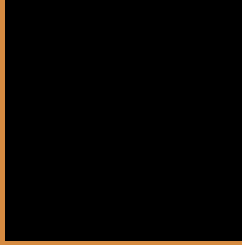
Any Text WCAG AA ✓ Pass

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 D68B41 Background



This preview shows how black text looks on a background with the Hex color D68B41.



This preview shows how white text looks on a background with the Hex color D68B41.

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
D68B41

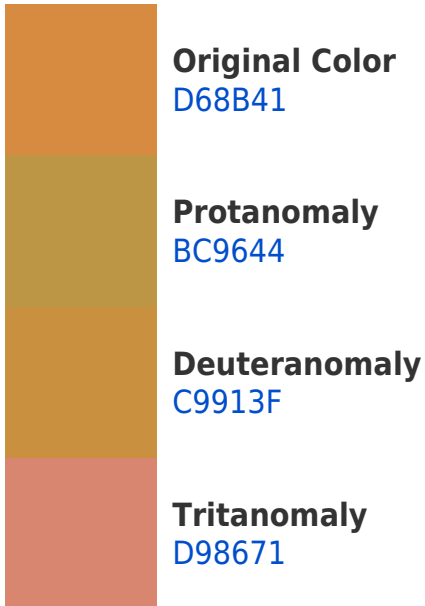
Protanopia
AD9C46

Deuteranopia
C2953E

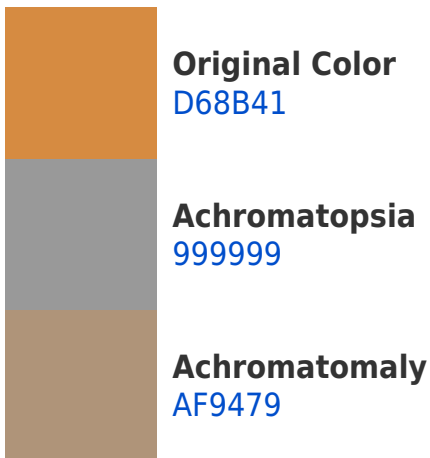


Tritanopia
DB838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68B41 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 #D68B41 looks like.

```
.text, #text, p{  
    color:#D68B41  
}
```

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 #D68B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68B41
}
```

Border

The CSS property to change the border of an element to Hex D68B41 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
#D68B41 }
```

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

```
.border{ border-color:#D68B41 }
```

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

Here you see how a box with a 4 pixel #D68B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68B41; -webkit-box-shadow:4px 4px  
4px 4px #D68B41; box-shadow:4px 4px 4px  
4px #D68B41 }
```

Background

The CSS property to change the background color of an element to Hex D68B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68B41 }
```

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

```
.background{ background-color:#D68B41 }
```

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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