

Converting Colors

Hex(D68133)

Have a look what the booklet for
Hex(D68133) contains.

Hex(D68133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D68133)

Conversions

Conversions Part 1

Format	Color
Hex	D68133
RGB	214, 129, 51
RGB Percent	84%, 51%, 20%
CMY	0.1608, 0.4941, 0.8000
CMYK	0.00, 0.40, 0.76, 0.16
HSL	29°, 67%, 52%
HSV	29°, 76%, 84%
XYZ	36.1794, 30.2357, 7.0612
YIQ	145.5230, 75.6980, -6.2380

Conversions

Conversions Part 2

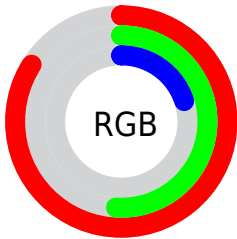
Format	Color
RYB	214, 201, 51
Decimal	14057779
CIELab	61.86, 26.77, 53.88
CIELCh	62, 60.168, 63.579
Yxy	30.2357, 0.4924, 0.4115
Android (android.graphics.Color)	4292247859 (0xFFD68133)
YUV	145.5230, -46.5998, 60.0543
Hunter-Lab	54.9870, 21.2191, 30.8771

Details

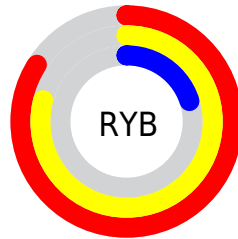
The Hex color **D68133** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle muted orange. A complement of this color would be **3388D6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB666**, and **9A4F00** is the 20% darker color. If you saturate the color by 10%, you get **D6761E**, and if you desaturate by 10%, it is **D68C48**.

Distribution



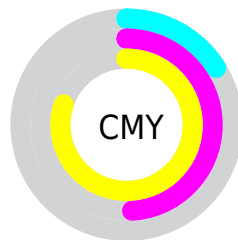
- Red (84%)
- Green (51%)
- Blue (20%)



- Red (84%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68133 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 D68133 by changing the saturation by 10% instead.

 D68133

 D68133

FFFFFF

 B86818

 FFB666

 9A4F00

 FFD281

 7D3700

 FFEF9B

 5F2000

 FFFFB7

 430900

 FFFFD3

 2B0000

 FFFFF0

 000000

 D68133

 D68133

 D6761E

 D68C48

 D66B08

 D6975E

 D66600

 D6A273

 D6AE89

 D6B99E

 D6C4B3

 D6CFC9

 D6DADE

 D6E5F4

Harmonies

Analogous

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



F16C5D



D68133



AB951D

Triad

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



D68133



00AF9A



9F85EF

Complementary

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



D68133



3388D6

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.



0199FF



D68133



00AECF

Square

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



D68133



06AB64



00A7F4



DB6EC6

Rectangle

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



D68133



889F29



00A7F4



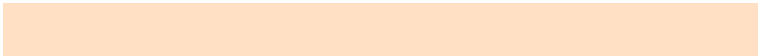
818CF8

Sweetspot

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



D68133



FFE0C4



D6338A



806D5C



000000



808080

Same Dimension

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



D68133



FF8617



D6D133



6B6660



AB5200



2B1500

Inverse Universe

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



3388D6



1790FF



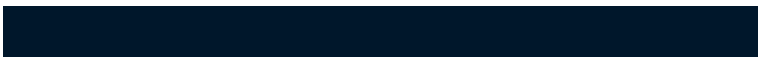
3338D6



60666B



0059AB



00172B

Previews

White Background



This preview shows how the Hex color D68133 looks on a white background.

Color Contrast Check

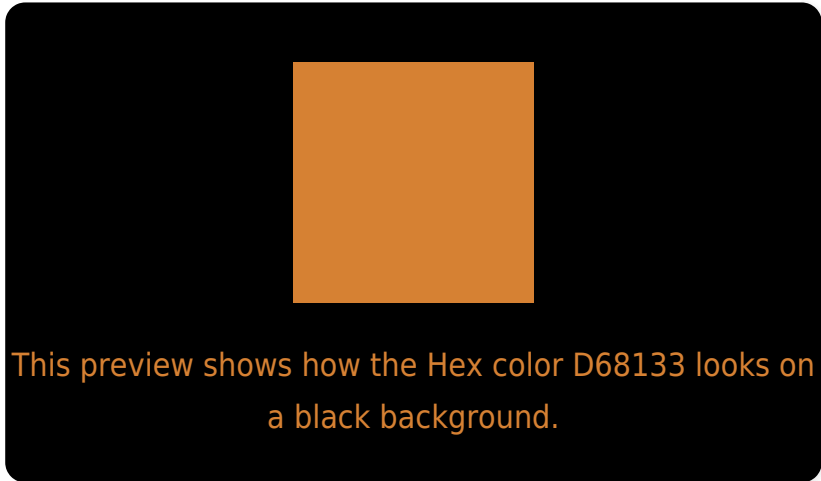
Large Text (above 18pt) WCAG AA × Fail

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

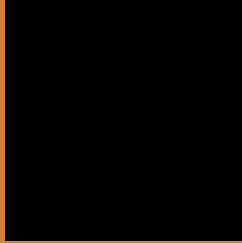
Any Text WCAG AA ✓ Pass

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 D68133 Background



This preview shows how black text looks on a background with the Hex color D68133.



This preview shows how white text looks on a background with the Hex color D68133.

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](#).

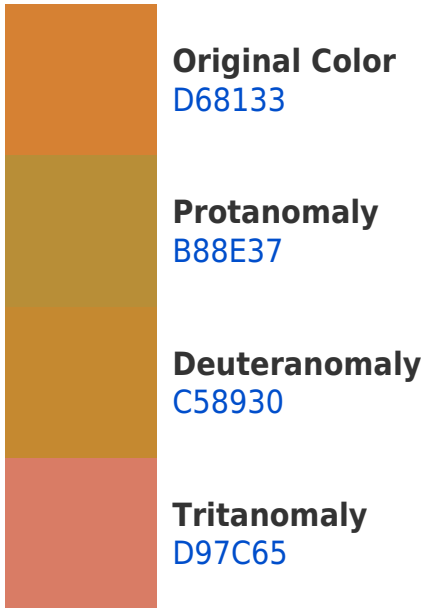
Dichromacy



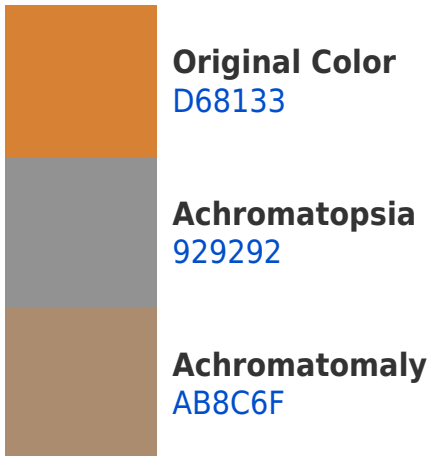


Tritanopia
DA7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68133 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 #D68133 looks like.

```
.text, #text, p{  
    color:#D68133  
}
```

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 #D68133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68133  
}
```

Border

The CSS property to change the border of an element to Hex D68133 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  
#D68133 }
```

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

```
.border{ border-color:#D68133 }
```

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

Here you see how a box with a 4 pixel #D68133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68133; -webkit-box-shadow:4px 4px  
4px 4px #D68133; box-shadow:4px 4px 4px  
4px #D68133 }
```

Background

The CSS property to change the background color of an element to Hex D68133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68133 }
```

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

```
.background{ background-color:#D68133 }
```

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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