

Converting Colors

Hex(D68659)

Have a look what the booklet for
Hex(D68659) contains.

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Color

Hex(D68659)

Conversions

Conversions Part 1

Format	Color
Hex	D68659
RGB	214, 134, 89
RGB Percent	84%, 53%, 35%
CMY	0.1608, 0.4745, 0.6510
CMYK	0.00, 0.37, 0.58, 0.16
HSL	22°, 60%, 59%
HSV	22°, 58%, 84%
XYZ	38.0598, 32.0676, 13.6349
YIQ	152.7900, 62.1250, 2.9650

Conversions

Conversions Part 2

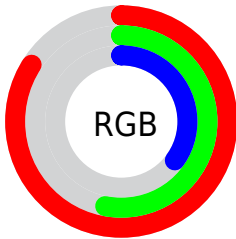
Format	Color
RYB	214, 159, 89
Decimal	14059097
CIELab	63.40, 26.30, 36.83
CIElCh	63, 45.260, 54.473
Yxy	32.0676, 0.4544, 0.3828
Android (android.graphics.Color)	4292249177 (0xFFD68659)
YUV	152.7900, -31.4485, 53.6812
Hunter-Lab	56.6283, 20.8703, 25.3640

Details

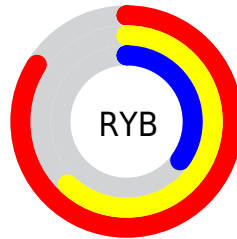
The Hex color **D68659** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **59A9D6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBC8C**, and **9B542A** is the 20% darker color. If you saturate the color by 10%, you get **D67844**, and if you desaturate by 10%, it is **D6946E**.

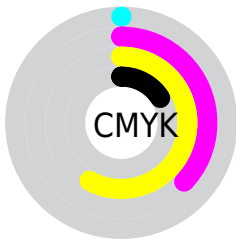
Distribution



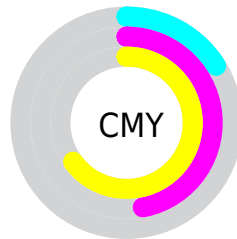
- Red (84%)
- Green (53%)
- Blue (35%)



- Red (84%)
- Yellow (62%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68659 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 D68659 by changing the saturation by 10% instead.

 D68659

 D68659

FFFFFF

 B86C41

 FFBC8C

 9B542A

 FFD8A7

 7F3C13

 FFF4C2

 632400

 FFFFDE

 470D00

 FFFFFB

 2E0000

 000000

 D68659

 D68659

 D67844

 D6946E

 D66B2E

 D6A184

 D65D19

 D6AF99

 D64F03

 D6BDAF

 D64D00

 D6CAC4

 D6D8D9

 D6E6EF

 D6F4FF

 D6FFFF

Harmonies

Analogous

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



E57A7A



D68659



B89547

Triad

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



D68659



00AE90



9192E3

Complementary

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



D68659



59A9D6

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.



3EA0E9



D68659



00AEBA

Square

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



D68659



60A969



00A9DA



C482C9

Rectangle

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



D68659



9F9D49



00A9DA



7A97E7

Sweetspot

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



D68659



FFE2D1



D659AA



806E63



000000



808080

Same Dimension

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



D68659



FF8D4D



D6C359



6B6460



AB3E00



2B1000

Inverse Universe

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



59A9D6



4DBFFF



596CD6



60676B



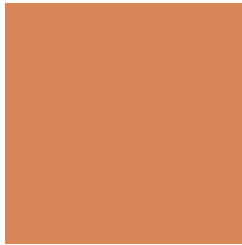
006DAB



001C2B

Previews

White Background



This preview shows how the Hex color D68659 looks on a white background.

Color Contrast Check

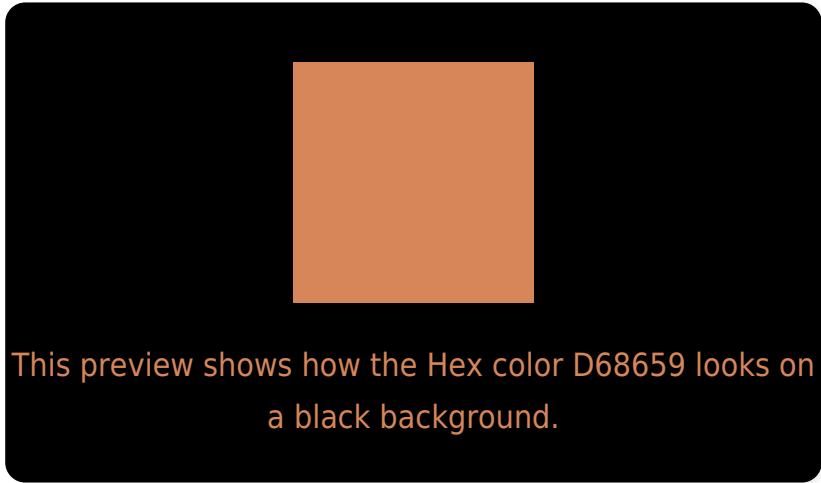
Large Text (above 18pt) WCAG AA × Fail

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

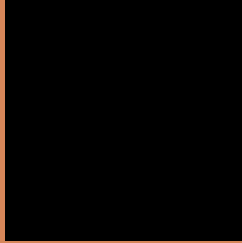
Any Text WCAG AA ✓ Pass

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 D68659 Background



This preview shows how black text looks on a background with the Hex color D68659.



This preview shows how white text looks on a background with the Hex color D68659.

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
D68659

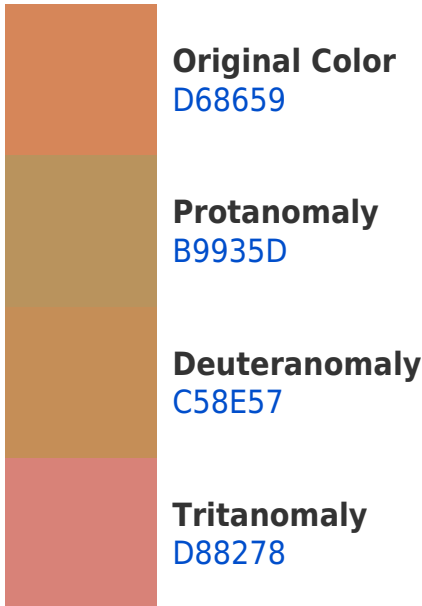
Protanopia
A89A60

Deuteranopia
BC9356

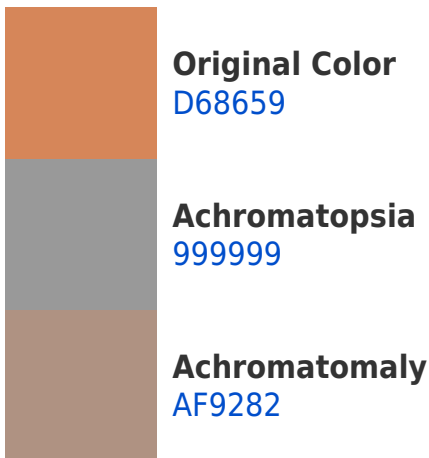


Tritanopia
D98089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68659 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 #D68659 looks like.

```
.text, #text, p{  
    color:#D68659  
}
```

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 #D68659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68659
}
```

Border

The CSS property to change the border of an element to Hex D68659 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
#D68659 }
```

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

```
.border{ border-color:#D68659 }
```

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

Here you see how a box with a 4 pixel #D68659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68659; -webkit-box-shadow:4px 4px  
4px 4px #D68659; box-shadow:4px 4px 4px  
4px #D68659 }
```

Background

The CSS property to change the background color of an element to Hex D68659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68659 }
```

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

```
.background{ background-color:#D68659 }
```

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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