

# Converting Colors

Hex(D78367)

Have a look what the booklet for  
Hex(D78367) contains.

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**Color**

**Hex(D78367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D78367
RGB	215, 131, 103
RGB Percent	84%, 51%, 40%
CMY	0.1569, 0.4863, 0.5961
CMYK	0.00, 0.39, 0.52, 0.16
HSL	15°, 58%, 62%
HSV	15°, 52%, 84%
XYZ	38.5888, 31.6589, 16.9089
YIQ	152.9240, 59.0520, 9.1000

# Conversions

## Conversions Part 2

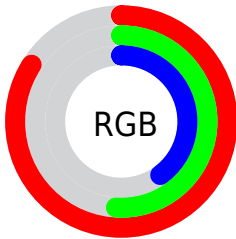
Format	Color
<a href="#">RYB</a>	<a href="#">215, 140, 103</a>
Decimal	<a href="#">14123879</a>
CIELab	<a href="#">63.06, 29.46, 28.81</a>
CIElCh	<a href="#">63, 41.204, 44.360</a>
Yxy	<a href="#">31.6589, 0.4428, 0.3632</a>
Android (android.graphics.Color)	<a href="#">4292313959</a> ( <a href="#">0xFFD78367</a> )
YUV	<a href="#">152.9240, -24.6125, 54.4407</a>
Hunter-Lab	<a href="#">56.2663, 23.9537, 21.5688</a>

# Details

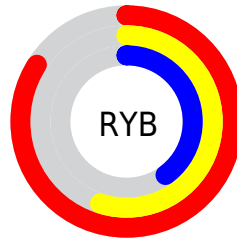
The Hex color **D78367** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67BBD7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB99A**, and **9D5037** is the 20% darker color. If you saturate the color by 10%, you get **D77352**, and if you desaturate by 10%, it is **D7937D**.

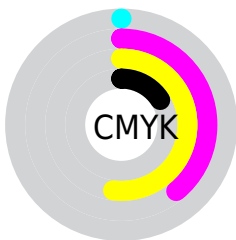
# Distribution



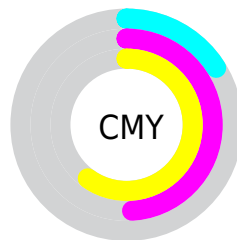
- Red (84%)
- Green (51%)
- Blue (40%)



- Red (84%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D78367 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 D78367 by changing the saturation by 10% instead.



 D78367

 D78367

FFFFFF

 BA694F

 FFB99A

 9D5037

 FFD5B5

 803821

 FFF1D1

 64210C

 FFFFED

 490700

 300000

 000000

 D78367

 D78367

 D77352

 D7937D

 D7633C

 D7A392

 D75326

 D7B3A8

 D74211

 D7C4BD

 D73600

 D7D4D3

 D7E4E8

 D7F4FE

 D7FFFF

# Harmonies

## Analogous

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



DF7B88



D78367



C09052

# Triad

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



D78367



41AA84



7E96DF

# Complementary

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



D78367



67BBD7

# 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.



2DA2DF



D78367



00ACAA

# Square

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



D78367



75A563



00A9CB



B388CD

# Rectangle

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



D78367



AA984E



00A9CB



679BE1

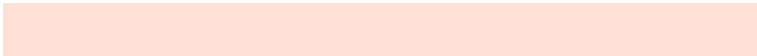


# Sweetspot

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



D78367



FFE0D6



D767BB



806D67



000000



808080



# Same Dimension

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



D78367



FF875E



D7B967



6B6360



AB2B00



2B0B00



# Inverse Universe

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



67BBD7



5ED7FF



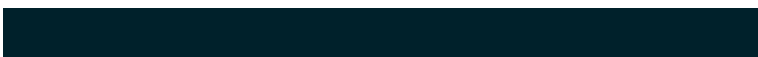
6783D7



60686B



0080AB



00212B



# Previews

## White Background



This preview shows how the Hex color D78367 looks on a white background.

## Color Contrast Check

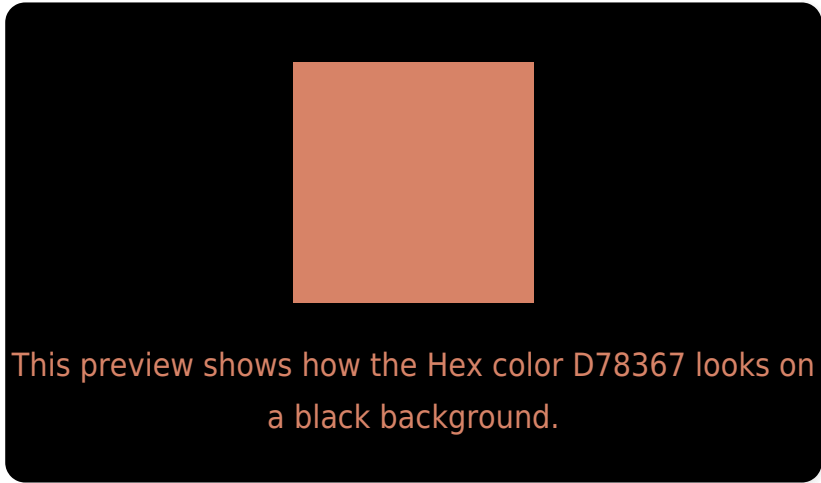
Large Text (above 18pt) WCAG AA × Fail

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

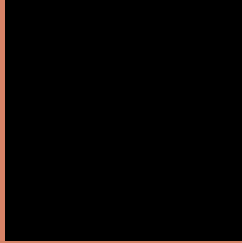
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D78367 Background



This preview shows how black text looks on a background with the Hex color D78367.



This preview shows how white text looks on a background with the Hex color D78367.

# 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**  
D97F88

# Trichromacy



**Original Color**  
D78367

**Protanomaly**  
B7916D

**Deuteranomaly**  
C38D65

**Tritanomaly**  
D8807C

# Monochromacy



**Original Color**  
D78367

**Achromatopsia**  
999999

**Achromatomaly**  
B09187

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D78367 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 #D78367 looks like.

```
.text, #text, p{  
    color:#D78367  
}
```

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 #D78367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78367  
}
```

## Border

The CSS property to change the border of an element to Hex D78367 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  
#D78367 }
```

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

```
.border{ border-color:#D78367 }
```

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

Here you see how a box with a 4 pixel #D78367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78367; -webkit-box-shadow:4px 4px  
4px 4px #D78367; box-shadow:4px 4px 4px  
4px #D78367 }
```

# Background

The CSS property to change the background color of an element to Hex D78367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78367 }
```

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

```
.background{ background-color:#D78367 }
```

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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