

# Converting Colors

Hex(DE8073)

Have a look what the booklet for  
Hex(DE8073) contains.

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**Color**

**Hex(DE8073)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DE8073                     |
| RGB           | 222, 128, 115              |
| RGB Percent   | 87%, 50%, 45%              |
| CMY           | 0.1294, 0.4980, 0.5490     |
| CMYK          | 0.00, 0.42, 0.48, 0.13     |
| HSL           | 7°, 62%, 66%               |
| HSV           | 7°, 48%, 87%               |
| XYZ           | 40.9379, 32.2057, 20.2783  |
| YIQ           | 154.6240, 60.1970, 15.8850 |

# Conversions

## Conversions Part 2

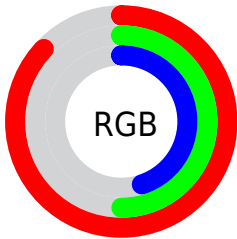
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 222, 130, 115                  |
| Decimal                             | 14581875                       |
| CIE Lab                             | 63.51, 34.87, 22.88            |
| CIE LCh                             | 64, 41.707, 33.264             |
| Yxy                                 | 32.2057, 0.4382,<br>0.3447     |
| Android<br>(android.graphics.Color) | 4292771955<br>(0xFFDE8073)     |
| YUV                                 | 154.6240, -19.5346,<br>59.0888 |
| Hunter-Lab                          | 56.7501, 29.4521,<br>18.5392   |

# Details

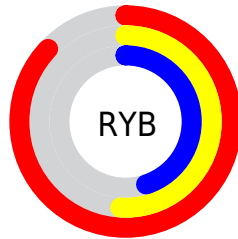
The Hex color **DE8073** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **73D1DE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB6A7**, and **A34D43** is the 20% darker color. If you saturate the color by 10%, you get **DE6C5D**, and if you desaturate by 10%, it is **DE9489**.

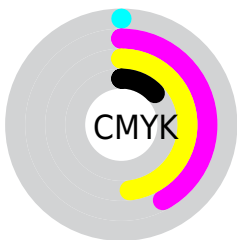
# Distribution



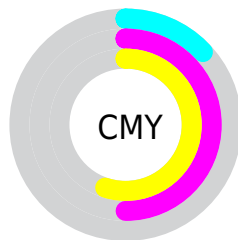
- Red (87%)
- Green (50%)
- Blue (45%)



- Red (87%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (13%)



- Cyan (13%)
- Magenta (50%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE8073 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 DE8073 by changing the saturation by 10% instead.



 DE8073

 DE8073

FFFFFF

 C0665A

 FFB6A7

 A34D43

 FFD2C2

 87342D

 FFEFDE

 6B1B18

 FFFFFB

 500000

 350000

 110000

 000000

 DE8073

 DE8073

 DE6C5D

 DE9489

 DE5947

 DEA79F

 DE4530

 DEBBB6

 DE321A

 DECECC

 DE1E04

 DEE2E2

 DE1B00

 DEF5F8

 DEFFFF

# Harmonies

## Analogous

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



DF7B97



DE8073



CC8C58

# Triad

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



DE8073



57AA77



659CE4

# Complementary

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



DE8073



73D1DE

# 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.



00A6DB



DE8073



00AD9D

# Square

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



DE8073



86A45A



00ACC1



A38FD8

# Rectangle

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



DE8073



B8954F



00ACC1



4AA0E3



# Sweetspot

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



DE8073



FFE0DB



DE73D2



806C6A



000000



808080



# Same Dimension

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



DE8073



FF7D6B



DEB573



706665



B01500



300600



# Inverse Universe

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



73D1DE



6BEDFF



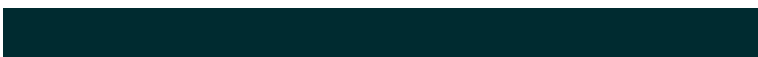
739CDE



656F70



009BB0



002B30



# Previews

## White Background



This preview shows how the Hex color DE8073 looks on a white background.

## Color Contrast Check

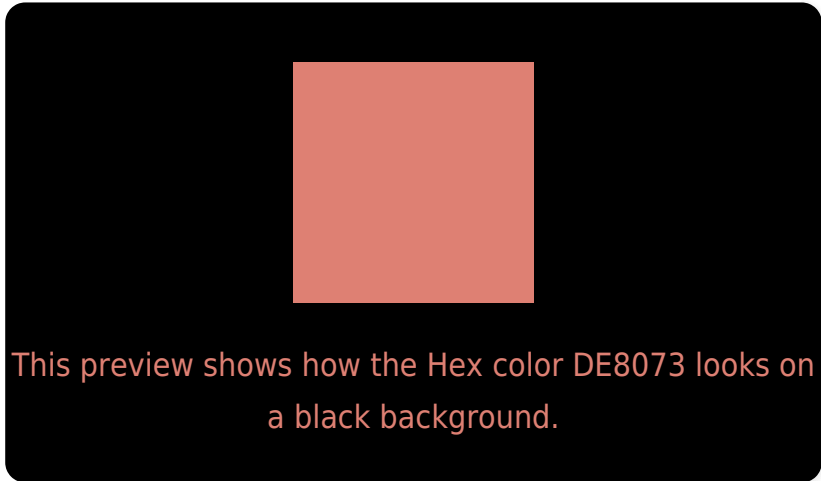
Large Text (above 18pt) WCAG AA × Fail

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 DE8073 Background



This preview shows how black text looks on a background with the Hex color DE8073.

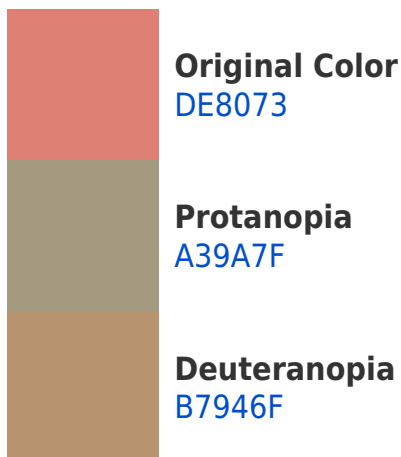


This preview shows how white text looks on a background with the Hex color DE8073.

# 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**  
DF7D86

# Trichromacy



**Original Color**  
DE8073



**Protanomaly**  
B8917B



**Deuteranomaly**  
C58D70

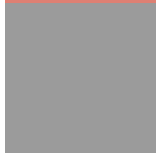


**Tritanomaly**  
DF7E7F

# Monochromacy



**Original Color**  
DE8073



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
B3918C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE8073 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 #DE8073 looks like.

```
.text, #text, p{  
    color:#DE8073  
}
```

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 #DE8073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8073  
}
```

## Border

The CSS property to change the border of an element to Hex DE8073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

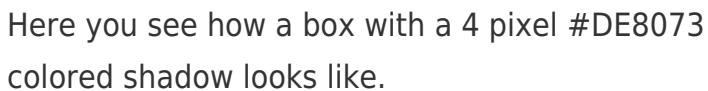
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#DE8073 }
```

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

```
.border{ border-color:#DE8073 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #DE8073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8073; -webkit-box-shadow:4px 4px  
4px 4px #DE8073; box-shadow:4px 4px 4px  
4px #DE8073 }
```

# Background

The CSS property to change the background color of an element to Hex DE8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8073 }
```

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

```
.background{ background-color:#DE8073 }
```

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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