

Converting Colors

Hex(D87E71)

Have a look what the booklet for
Hex(D87E71) contains.

Hex(D87E71)	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(D87E71)

Conversions

Conversions Part 1

Format	Color
Hex	D87E71
RGB	216, 126, 113
RGB Percent	85%, 49%, 44%
CMY	0.1529, 0.5059, 0.5569
CMYK	0.00, 0.42, 0.48, 0.15
HSL	8°, 57%, 65%
HSV	8°, 48%, 85%
XYZ	38.7604, 30.7129, 19.5081
YIQ	151.4280, 57.8130, 15.0370

Conversions

Conversions Part 2

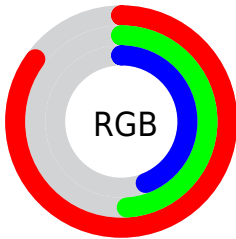
Format	Color
R _Y B	216, 128, 113
Decimal	14188145
CIE Lab	62.26, 33.44, 22.19
CIE LCh	62, 40.129, 33.570
Yxy	30.7129, 0.4356, 0.3452
Android (android.graphics.Color)	4292378225 (0xFFD87E71)
YUV	151.4280, -18.9450, 56.6296
Hunter-Lab	55.4192, 27.8599, 17.9228

Details

The Hex color **D87E71** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **71CBD8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB4A5**, and **9E4B41** is the 20% darker color. If you saturate the color by 10%, you get **D86B5B**, and if you desaturate by 10%, it is **D89187**.

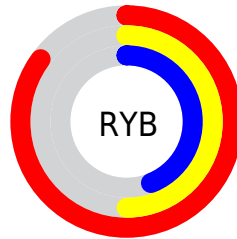
Distribution



Red (85%)

Green (49%)

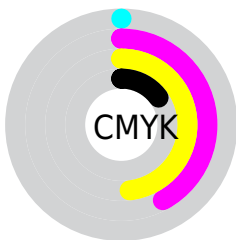
Blue (44%)



Red (85%)

Yellow (50%)

Blue (44%)

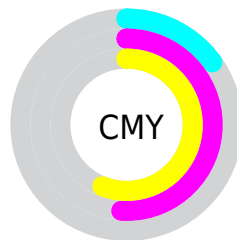


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87E71 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 D87E71 by changing the saturation by 10% instead.

 D87E71

 D87E71

FFFFFF

 BB6458

 FFB4A5

 9E4B41

 FFD0C0

 81332B

 FFECD C

 651A16

 FFFFF8

 4B0000

 310000

 000000

 D87E71

 D87E71

 D86B5B

 D89187

 D85846

 D8A49C

 D84530

 D8B7B2

 D8331B

 D8C9C7

 D82005

 D8DCDD

 D81B00

 D8EFF3

 D8FFFF

Harmonies

Analogous

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



D97A94



D87E71



C68957

Triad

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



D87E71



56A676



6599DD

Complementary

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



D87E71



71CBD8

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.



00A3D5



D87E71



00A99A

Square

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



D87E71



83A059



00A8BD



A08CD2

Rectangle

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



D87E71



B4924F



00A8BD



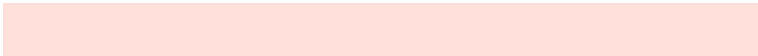
4D9CDD

Sweetspot

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



D87E71



FFE0DB



D871CC



806D6A



000000



808080

Same Dimension

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



D87E71



FF806E



D8B171



6B6260



AB1600



2B0500

Inverse Universe

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



71CBD8



6EEDFF



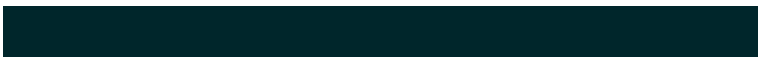
7198D8



606A6B



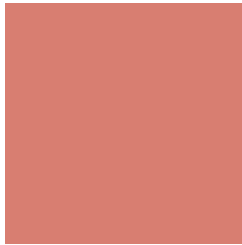
0095AB



00262B

Previews

White Background



This preview shows how the Hex color D87E71 looks on a white background.

Color Contrast Check

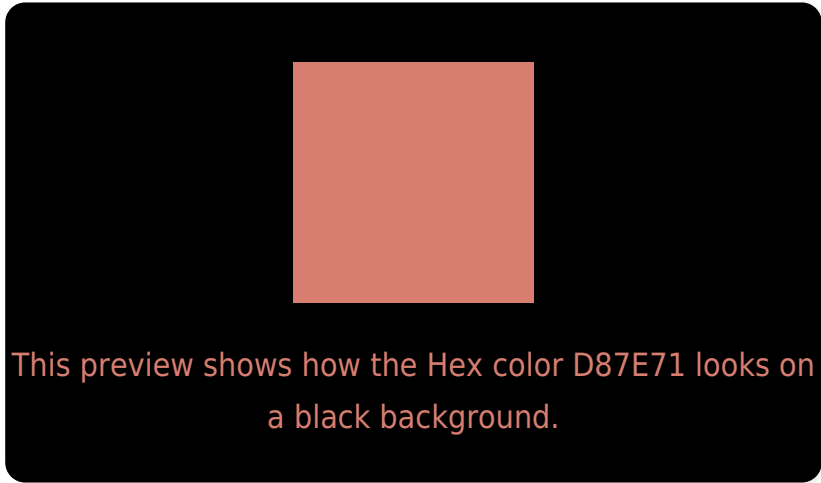
Large Text (above 18pt) WCAG AA × Fail

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 D87E71 Background



This preview shows how black text looks on a background with the Hex color D87E71.



This preview shows how white text looks on a background with the Hex color D87E71.

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
D87E71

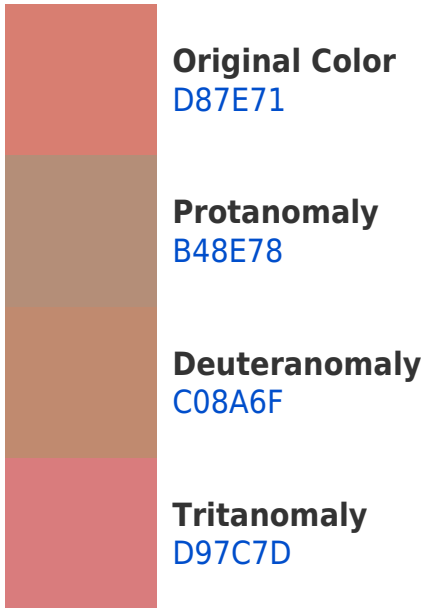
Protanopia
A077C

Deuteranopia
B3916E

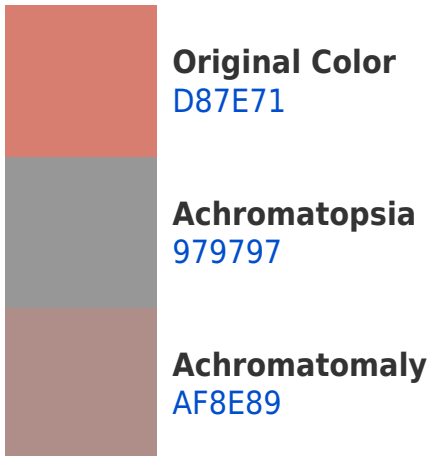


Tritanopia
D97B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D87E71 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 #D87E71 looks like.

```
.text, #text, p{  
    color:#D87E71  
}
```

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 #D87E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87E71  
}
```

Border

The CSS property to change the border of an element to Hex D87E71 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  
#D87E71 }
```

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

```
.border{ border-color:#D87E71 }
```

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

Here you see how a box with a 4 pixel #D87E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87E71; -webkit-box-shadow:4px 4px  
4px 4px #D87E71; box-shadow:4px 4px 4px  
4px #D87E71 }
```

Background

The CSS property to change the background color of an element to Hex D87E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87E71 }
```

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

```
.background{ background-color:#D87E71 }
```

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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