

# Converting Colors

Hex(D87878)

Have a look what the booklet for  
Hex(D87878) contains.

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# **Color**

**Hex(D87878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D87878
RGB	216, 120, 120
RGB Percent	85%, 47%, 47%
CMY	0.1529, 0.5294, 0.5294
CMYK	0.00, 0.44, 0.44, 0.15
HSL	0°, 55%, 66%
HSV	0°, 44%, 85%
XYZ	38.4255, 29.3879, 21.4165
YIQ	148.7040, 57.2160, 20.3520

# Conversions

## Conversions Part 2

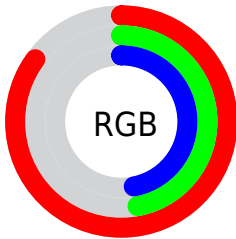
Format	Color
R <sub>Y</sub> B	216, 120, 120
Decimal	14186616
CIE Lab	61.12, 37.29, 16.66
CIE LCh	61, 40.839, 24.072
Yxy	29.3879, 0.4306, 0.3294
Android (android.graphics.Color)	4292376696 (0xFFD87878)
YUV	148.7040, -14.1511, 59.0186
Hunter-Lab	54.2106, 31.6556, 14.5243

# Details

The Hex color **D87878** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **78D8D8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAEAC**, and **9E4548** is the 20% darker color. If you saturate the color by 10%, you get **D86262**, and if you desaturate by 10%, it is **D88E8E**.

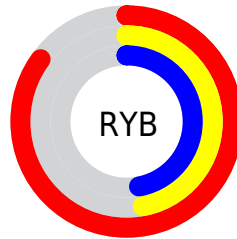
# Distribution



Red (85%)

Green (47%)

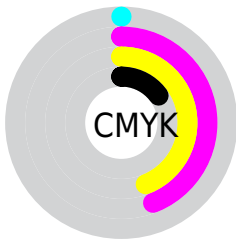
Blue (47%)



Red (85%)

Yellow (47%)

Blue (47%)

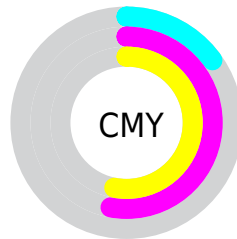


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D87878 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 D87878 by changing the saturation by 10% instead.



 D87878

 D87878


FFFFFF

 BB5E5F

 FFAEAC

 9E4548

 FFCAC8

 812C31

 FFE6E4

 66111C

 4B0003

 320001

 000000

 D87878

 D87878

 D86262

 D88E8E

 D84D4D

 D8A3A3

 D83737

 D8B9B9

 D82222

 D8CECE

 D80C0C

 D8E4E4

 D80000

 D8FAFA

 D8FFFF

# Harmonies

## Analogous

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



D3779C



D87878



CB825A

# Triad

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



D87878



62A268



4899DB

# Complementary

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



D87878



78D8D8

# 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.



00A2CD



D87878



22A68B

# Square

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



D87878



8D9A50



00A6B0



8C8DD5

# Rectangle

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



D87878



BA8B4E



00A6B0



259DD8

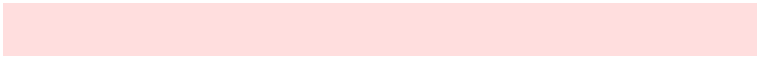


# Sweetspot

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



D87878



FFDEDE



D878D8



806B6B



000000



808080



# Same Dimension

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



D87878



FF7878



D8A878



6B6060



AB0000



2B0000



# Inverse Universe

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



78D8D8



78FFFF



78A8D8



606B6B



00ABAB

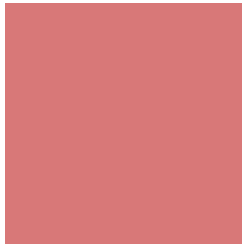


002B2B



# Previews

## White Background



This preview shows how the Hex color D87878 looks on a white background.

## Color Contrast Check

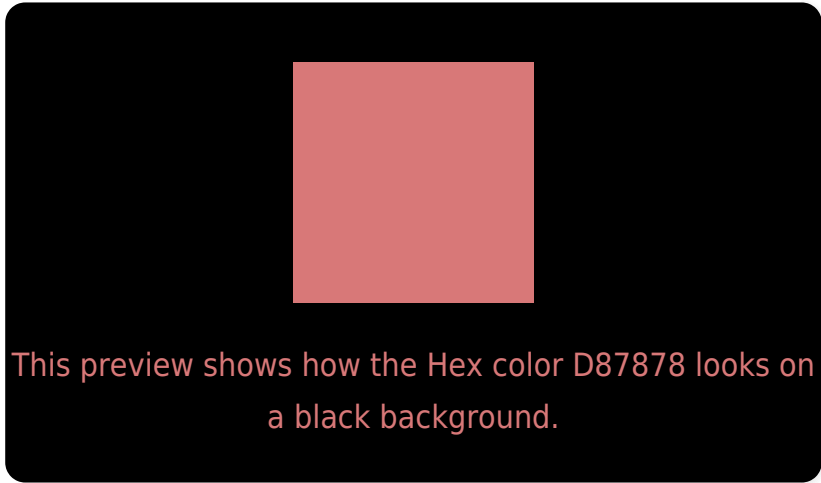
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex D87878 Background



This preview shows how black text looks on a background with the Hex color D87878.



This preview shows how white text looks on a background with the Hex color D87878.

# 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](#).

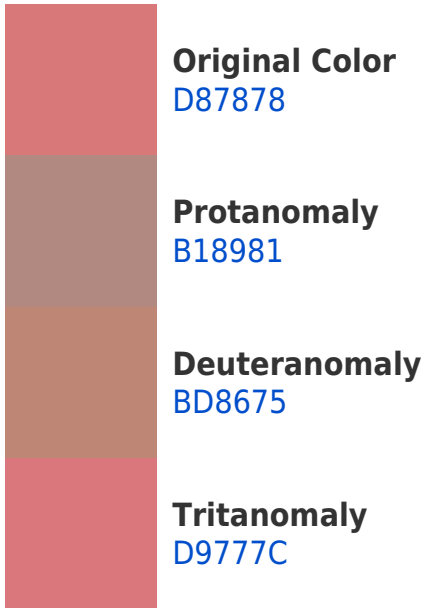
## Dichromacy



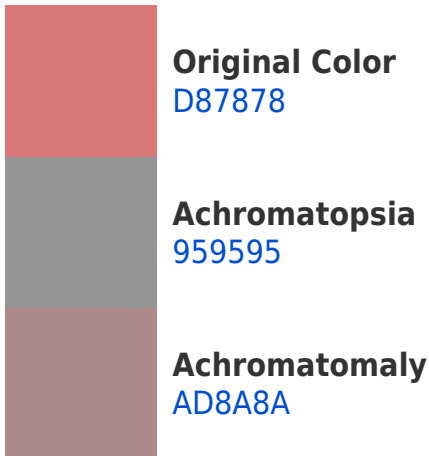


**Tritanopia**  
D977F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D87878 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 #D87878 looks like.

```
.text, #text, p{  
    color:#D87878  
}
```

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 #D87878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87878
}
```

## Border

The CSS property to change the border of an element to Hex D87878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

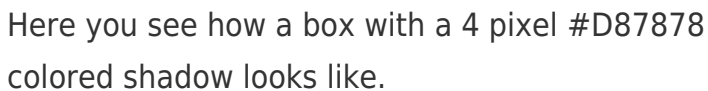
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D87878 }
```

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

```
.border{ border-color:#D87878 }
```

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



Here you see how a box with a 4 pixel #D87878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87878; -webkit-box-shadow:4px 4px  
4px 4px #D87878; box-shadow:4px 4px 4px  
4px #D87878 }
```

# Background

The CSS property to change the background color of an element to Hex D87878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87878 }
```

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

```
.background{ background-color:#D87878 }
```

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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