

# Converting Colors

Hex(D1837F)

Have a look what the booklet for  
Hex(D1837F) contains.

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**Color**

**Hex(D1837F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1837F
RGB	209, 131, 127
RGB Percent	82%, 51%, 50%
CMY	0.1804, 0.4863, 0.5020
CMYK	0.00, 0.37, 0.39, 0.18
HSL	3°, 47%, 66%
HSV	3°, 39%, 82%
XYZ	38.2416, 31.3202, 24.1085
YIQ	153.8660, 47.7720, 15.2920

# Conversions

## Conversions Part 2

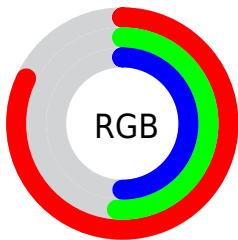
Format	Color
R <sub>Y</sub> B	209, 131, 127
Decimal	13730687
CIE Lab	62.78, 29.57, 14.83
CIE LCh	63, 33.075, 26.635
Yxy	31.3202, 0.4083, 0.3344
Android (android.graphics.Color)	4291920767 (0xFFD1837F)
YUV	153.8660, -13.2449, 48.3525
Hunter-Lab	55.9645, 24.0346, 13.6340

# Details

The Hex color **D1837F** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7FCDD1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB9B4**, and **98504E** is the 20% darker color. If you saturate the color by 10%, you get **D16F6A**, and if you desaturate by 10%, it is **D19794**.

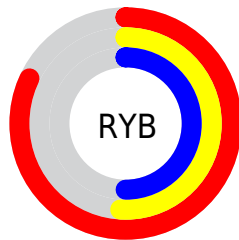
# Distribution



Red (82%)

Green (51%)

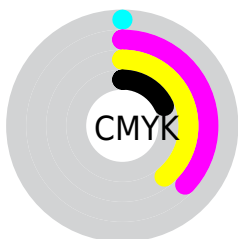
Blue (50%)



Red (82%)

Yellow (51%)

Blue (50%)

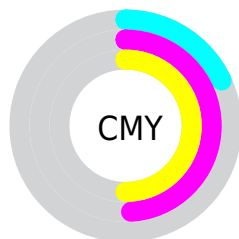


Cyan (0%)

Magenta (37%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (49%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1837F 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 D1837F by changing the saturation by 10% instead.



 D1837F

 D1837F

FFFFFF

 B46966


 FFB9B4

 98504E

 FFD5CF

 7C3837

 FFF1EB

 612022

 47070C

 2F0000

 000000

 D1837F

 D1837F

 D16F6A

 D19794

 D15B55

 D1ABA9

 D14740

 D1BFBE

 D1332B

 D1D3D3

 D12016

 D1E6E7

 D10C02

 D1FAFC

 D10A00

 D1FFFF

# Harmonies

## Analogous

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



CE819C



D1837F



C58B68

# Triad

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



D1837F



6EA477



699CD2

# Complementary

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



D1837F



7FCDD1

# 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.



38A3C8



D1837F



48A793

# Square

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



D1837F



909E62



27A7B1



9791CC

# Rectangle

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



D1837F



B7925F



27A7B1



589FD0

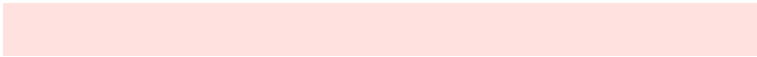


# Sweetspot

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



D1837F



FFE2E0



D17FCE



806F6E



000000



808080



# Same Dimension

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



D1837F



FF8D87



D1AB7F



695F5E



A80800



290200



# Inverse Universe

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



7FCDD1



87F9FF



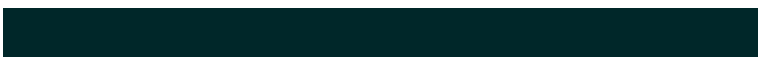
7FA5D1



5E6869



00A0A8

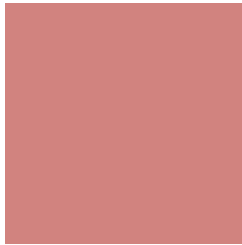


002729



# Previews

## White Background



This preview shows how the Hex color D1837F looks on a white background.

## Color Contrast Check

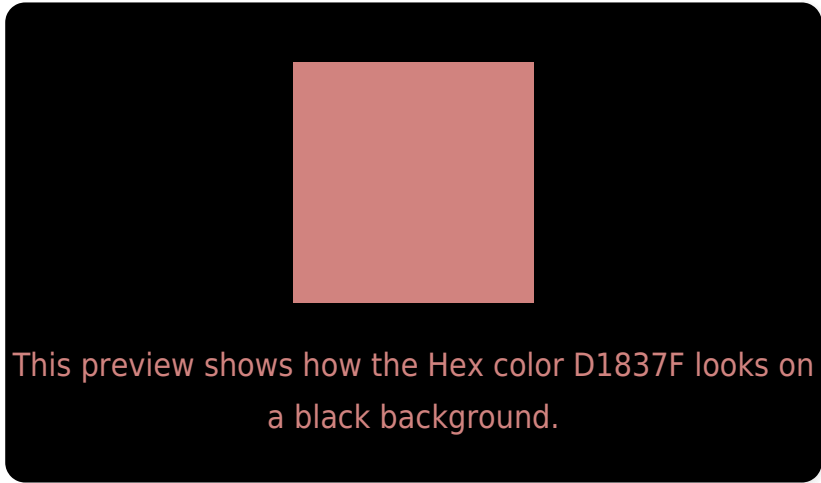
Large Text (above 18pt) WCAG AA × Fail

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 D1837F Background



This preview shows how black text looks on a background with the Hex color D1837F.




This preview shows how white text looks on a background with the Hex color D1837F.

# 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**  
D2818B

# Trichromacy



**Original Color**  
D1837F

**Protanomaly**  
B19085

**Deuteranomaly**  
BD8D7D

**Tritanomaly**  
D28287

# Monochromacy



**Original Color**  
D1837F

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
AE9290

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1837F 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 #D1837F looks like.

```
.text, #text, p{  
    color:#D1837F  
}
```

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 #D1837F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1837F  
}
```

## Border

The CSS property to change the border of an element to Hex D1837F is called "border". The border property can be set on classes, ids or directly on the HTML element.

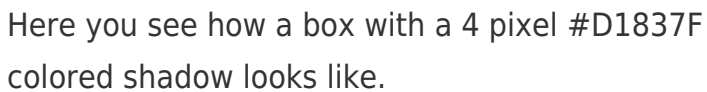
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D1837F }
```

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

```
.border{ border-color:#D1837F }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, matching the #D1837F color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #D1837F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1837F; -webkit-box-shadow:4px 4px  
4px 4px #D1837F; box-shadow:4px 4px 4px  
4px #D1837F }
```

# Background

The CSS property to change the background color of an element to Hex D1837F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1837F }
```

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

```
.background{ background-color:#D1837F }
```

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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